Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 14 April 4, 2017

Vol. 145 No. 14 le 4 avril 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,880,392 (Published February 14, 2017)

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,880,392 (Publié le 14 février 2017)

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1792***
	For each additional sheet over 30	**$20**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1792 $***
	Pour chaque feuille au delà de 30	**20 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; ana
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 4, 2017 contains applications open to public inspection from March 19, 2017 to March 25, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 4 avril 2017 contient les demandes disponibles au public pour consultation pour la période du 19 mars 2017 au 25 mars 2017.

17. Erratum

The information concerning application number 2,809,352 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of September 4, 2014 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,809,352 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 4 septembre 2014 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

18. Erratum

The information concerning application number 2,816,848 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of November 21, 2014 was incorrect. Please note that no application is open to public inspection under this number.

18. Erratum

Les renseignements concernant la demande 2,816,848 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 21 novembre 2014 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

19. Erratum

The information concerning application number 2,865,705 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of December 2, 2014 was incorrect. Please note that no application is open to public inspection under this number.

19. Erratum

Les renseignements concernant la demande 2,865,705 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 2 décembre 2014 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

April 4, 2017

Brevets canadiens délivrés

4 avril 2017

[11] **2,397,861**
[13] C
[51] **Int.Cl. A61K 39/245 (2006.01) A61K 39/175 (2006.01) A61K 39/23 (2006.01) A61K 39/235 (2006.01) A61K 39/295 (2006.01) A61K 39/39 (2006.01) A61P 31/22 (2006.01) C07K 14/03 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **VACCINATION AGAINST CANINE HERPESVIROSIS AND VACCINES THEREFOR**
[54] **VACCINATION CONTRE L'HERPESVIROSE CANINE ET VACCINS A CET EGARD**
[72] POULET, HERVE, FR
[73] MERIAL, FR
[85] 2002-07-18
[86] 2001-01-19 (PCT/FR2001/000189)
[87] (WO2001/052887)
[30] FR (00/00797) 2000-01-21

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[11] **2,399,349**
[13] C
[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) A61K 38/45 (2006.01) C07K 16/40 (2006.01) C11B 1/00 (2006.01) C11C 1/00 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01) C12Q 1/48 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **NOVEL ELONGASE GENE AND METHOD FOR PRODUCING MULTIPLE-UNSATURATED FATTY ACIDS**
[54] **NOUVEAU GENE D'ELONGASE ET PROCEDE DE PREPARATION D'ACIDES GRAS A INSATURATION MULTIPLE**
[72] HEINZ, ERNST, DE
[72] ZANK, THORSTEN, DE
[72] ZAHRINGER, ULRICH, DE
[72] LERCHL, JENS, DE
[72] RENZ, ANDREAS, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 2002-08-06
[86] 2001-02-08 (PCT/EP2001/001346)
[87] (WO2001/059128)
[30] DE (100 05 973.2) 2000-02-09
[30] DE (100 23 893.9) 2000-05-17
[30] DE (100 63 387.0) 2000-12-19

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[11] **2,417,623**
[13] C
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 27/447 (2006.01) G01P 3/64 (2006.01)**
[25] EN
[54] **ENABLING DETERMINATION OF THE VELOCITIES OF MIGRATING OBJECTS, AND CLASSIFYING MIGRATING OBJECTS INTO GROUPS**
[54] **DETERMINATION DES VITESSES D'OBJETS MIGRATOIRES ET CLASSEMENT DES OBJETS MIGRATOIRES EN GROUPES**
[72] SIDERIS, DIMITRIOS, GB
[73] DELTADOT LTD, GB
[85] 2003-01-28
[86] 2001-07-20 (PCT/GB2001/003281)
[87] (WO2002/012877)
[30] GB (0019496.9) 2000-08-08

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[11] **2,505,409**
[13] C
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/073 (2010.01) A61K 8/98 (2006.01) A61K 35/36 (2015.01) A61P 17/14 (2006.01)**
[25] EN
[54] **CULTIVATION OF HAIR INDUCTIVE CELLS**
[54] **CULTURE DE CELLULES FAVORISANT LA POUSSE DES CHEVEUX**
[72] TEUMER, JEFFREY KELLER, US
[72] QIAO, JIZENG, US
[72] PHILIPS, ERICA, US
[72] WOLOWACZ, RICHARD GREGORY, GB
[73] ADERANS RESEARCH INSTITUTE, INC., US
[85] 2005-05-06
[86] 2003-11-14 (PCT/GB2003/004949)
[87] (WO2004/044188)
[30] US (60/426,111) 2002-11-14

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[11] **2,512,759**
[13] C
[51] **Int.Cl. C02F 3/10 (2006.01) B01D 63/02 (2006.01) B01D 63/04 (2006.01) C02F 3/12 (2006.01) C02F 3/20 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **SUPPORTED BIOFILM APPARATUS AND PROCESS**
[54] **APPAREIL ET PROCEDE A FILM BIOLOGIQUE SUR SUPPORT**
[72] BEHMANN, HENRY, CA
[72] COTE, PIERRE, CA
[72] HUSAIN, HIDAYAT, CA
[72] POTTINGER, IAN, CA
[72] TOWE, IAN GLENN, CA
[73] ZENON TECHNOLOGY PARTNERSHIP, US
[85] 2005-07-07
[86] 2004-02-13 (PCT/CA2004/000206)
[87] (WO2004/071973)
[30] US (60/447,025) 2003-02-13
[30] US (60/496,178) 2003-08-18
[30] CA (2,438,441) 2003-08-22
[30] CA (2,438,432) 2003-08-22
[30] CA (2,438,050) 2003-08-22
[30] CA (2,438,101) 2003-08-22

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[54] **DISPOSITIF DE SECURITE POUR L'INTERRUPTION D'URGENCE DES MANOEUVRES DE FORAGE**
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[54] **COMPOSITION D'ENCOLLAGE POUR LAINE MINERALE COMPRENANT UN MONOSACCHARIDE ET/OU UN POLYSACCHARIDE ET UN ACIDE ORGANIQUE POLYCARBOXYLIQUE, ET PRODUITS ISOLANTS OBTENUS**
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[54] **TRAITEMENT DU DIABETE CHEZ DES PATIENTS DONT LA REGULATION GLYCEMIQUE EST INSUFFISANTE MALGRE UNE THERAPIE PAR UN MEDICAMENT ANTIDIABETIQUE ORAL OU NON ORAL**
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[72] RANKIN, MARK ANDREW, AU
[73] OBELIX HOLDINGS PTY LIMITED, AU
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[72] VAHTERI, MARKKU, FI
[72] PALMLOEF, MAGNUS, SE
[72] ODERKERK, JEROEN, SE
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[54] **SYSTEME ET PROCEDES D'ENTRAINEMENT D'ARBRE**
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[73] NATIONAL OILWELL VARCO L.P., US
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[72] AYRES, JAMES L., US
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[73] ELECTROLUX HOME PRODUCTS, INC., US
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[54] **RESINE DE POLYETHYLENE RETICULABLE POUR CONDUITS PRODUITE PAR UN CATALYSEUR A SITE UNIQUE**
[72] KOKKO, ESA, FI
[72] PAKKANEN, ANNELI, FI
[72] VAHTERI, MARKKU, FI
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[54] **COMPOSITIONS ANTI-CXCR1 ET METHODES**
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[72] GINESTIER, CHRISTOPHE, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **CORRECTION DE FACTEUR DE PUISSANCE (PFC) VARIABLE ET COMMANDE DE TENSION DE BUS CONNECTE A UN RESEAU**
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[54] **ESSAI DE DETECTION D'ANALYTE FONDE SUR DES PARTICULES MICROSPHEROIDALES MARQUEES DE MANIERE FLUORESCENTE**
[72] POETTER, KARL FREDERICK, AU
[72] NUHIJI, EDIN, AU
[72] MULVANEY, PAUL, AU
[73] GENERA BIOSYSTEMS LIMITED, AU
[73] THE UNIVERSITY OF MELBOURNE, AU
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[54] **PROCEDE DE FABRICATION DE DERIVES D'ACIDE 5-METHOXYMETHYLPYRIDINE-2,3-DICARBOXYLIQUE SUBSTITUES**
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[54] **DISPOSITIFS DE DIRECTION A PISTON SPHERIQUE ET PROCEDES D'UTILISATION ASSOCIES**
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[54] **TREMIE DE SEMOIR POUR SYSTEME DE DOSAGE DE SEMENCES DOTE D'UNITES MODULAIRES DE DOSAGE DE SEMENCES**
[72] FRIGGSTAD, TERRANCE A., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **METHODE DE COMMANDE D'UN SYSTEME DE DIRECTION D'OUTIL AGRICOLE EN MODE TRANSPORT**
[72] PRICKEL, MARVIN, US
[72] WEISBERG, PAUL, CA
[72] ST-JEAN, MARC, CA
[72] DURANT, SHANE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **BIO-HUILE PRESENTANT UNE TENEUR REDUIRE EN MINERAUX ET SON PROCEDE DE FABRICATION**
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[72] STAMIRES, DENNIS, US
[72] O'CONNOR, PAUL, NL
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[72] SCHINELLI, NICOLA, IT
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[54] **SYSTEME DE FOCALISATION COMPRENANT DES DEFLECTEURS ACOUSTO-OPTIQUES CONCUS POUR FOCALISER UN FAISCEAU ELECTROMAGNETIQUE**
[72] MAAK, PAL, ANDOR, HU
[72] ROZSA, BALAZS, HU
[72] KATONA, GERGELY, HU
[72] VIZI, E., SZILVESZTER, HU
[72] VERESS, MATE, HU
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[54] **LOGIQUE D'AFFECTATION DE RESSOURCES, IMBRIQUEE ET HIERARCHISEE, POUR LA GESTION ET LA COMMANDE D'UN RESEAU DE DISTRIBUTION D'ELECTRICITE**
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[54] **PLATINE DE FIXATION REGLABLE POUR TENDRE SANS DEFORMATION PAR DES CABLES UNE NAPPE SOUPLE**
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[73] NORMALU, FR
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[54] **DERIVES DE QUINAZOLINONE UTILES COMME ANTAGONISTES VANILLOIDES**
[72] CHEN, WEICHUN, US
[72] KIM, HONG-YONG, US
[72] LIANG, JESSICA, US
[72] MUTZ, MICHAEL, CH
[72] PRASHAD, MAHAVIR, US
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[72] SCHIEFERSTEIN, LUDWIG, DE
[72] SCHERER, MARKUS, DE
[72] BENE, PETER, DE
[72] LAMARCA, WILLIAM (DECEASED), FR
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[72] FINNEY, JOHN, GB
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[72] DELANEY, JOHN STEPHEN, GB
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[54] **SYSTEME ET PROCEDE DE REPRODUCTION SURE ET FIABLE DE DONNEES EN NUAGES**
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[72] ALDRED, MARK, US
[73] EMC CORPORATION, US
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[54] **LUBRIFICATION ET REFROIDISSEMENT D'UN REDUCTEUR A TRAIN D'ENGRENAGES EPICYCLOIDAL**
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[72] MORREALE, SERGE RENE, FR
[73] SNECMA, FR
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[72] MAMMEN, WILLIAM C., JR., US
[73] ODYNE SYSTEMS, LLC, US
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[72] LINDEMANN, THOMAS, DE
[72] HUG, DENIS, FR
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[72] KANE, MICHAEL, US
[73] REDI REACH LLC, US
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[54] **DERIVES D'OXAZOLE PYRIDINE UTILES EN TANT QU'AGONISTES DU RECEPTEUR S1P1**
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[72] DORBAIS, JEROME, FR
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[54] **GESTION PAR PRIORITE DE NIVEAU DE CHARGE DE SYSTEME**
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[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **APPAREIL ET PROCEDE POUR LE DEPOT DE COUCHE ATOMIQUE OU MOLECULAIRE SUR DES PARTICULES PENDANT UN TRANSPORT PNEUMATIQUE**
[72] VAN OMMEN, JAN RUDOLF, NL
[73] DELFT UNIVERSITY OF TECHNOLOGY, NL
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[54] **APPLICATEUR D'ENGRAIS AVEC ACTIONNEUR DE PLIAGE DANS UN CADRE POUR PLIER UN ELEMENT DE CADRE EXTERIEUR A AIR PAR RAPPORT A UN ELEMENT DE CADRE INTERIEUR**
[72] KNOBLOCH, DEAN A., US
[72] HATTON, MICHAEL C., US
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[54] **COMPOSES POSSEDANT DEUX GROUPEMENTS HETEROARYLE BICYCLIQUES CONDENSES EN TANT QUE MODULATEURS DE LA LEUCOTRIENE A4 HYDROLASE**
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[72] ROJAS DE LA PARRA, VERONICA, BE
[72] MARCHAND, ARNAUD, BE
[72] ALLASIA, SARA, BE
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[54] **METHODE DE FABRICATION D'UN POLYMERE SOLUBLE DANS L'EAU CONTENANT UN GROUPE CARBOXYLE**
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[72] ASHIDA, TARO, JP
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[54] **PROCEDE POUR LA PREPARATION DE 1-BENZYL-3-HYDROXYMETHYL-1H-INDAZOLE ET DE SES DERIVES ET INTERMEDIAIRES AU MAGNESIUM CORRESPONDANTS**
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[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'EVENEMENTS DANS UN RESEAU DE TELECOMMUNICATIONS**
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[54] **SYSTEMS AND METHODS FOR ADAPTIVE INTERFERENCE CANCELLATION BEAMFORMING**
[54] **SYSTEMES ET PROCEDES DE FORMATION DE FAISCEAU D'ELIMINATION D'INTERFERENCE ADAPTATIF**
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[54] **APPAREIL POUR RETENIR LES TUYAUX D'ARROSAGE A UN SUPPORT AGRICOLE**
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[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **BROSSE A DENTS AVEC JET DE LIQUIDE**
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[73] CONAIR CORPORATION, US
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[54] **PROCESS AND APPARATUS FOR MULTISTAGE THERMAL TREATMENT OF RUBBER WASTE, IN PARTICULAR SCRAP TIRES**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT THERMIQUE EN PLUSIEURS ETAPES DE REBUTS DE CAOUTCHOUC, EN PARTICULIER DE PNEUS USES**
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[54] **MANUFACTURE OF LOZENGE PRODUCT WITH RADIOFREQUENCY**
[54] **FABRICATION D'UN PRODUIT EN PASTILLE AVEC APPLICATION D'UNE RADIOFREQUENCE**
[72] CHEN, JEN-CHI, US
[72] SOWDEN, HARRY S., US
[72] LUBER, JOSEPH R., US
[72] KRIKSUNOV, LEO B., US
[72] BUNICK, FRANK J., US
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[54] **CONNECTEUR DE PILES A ORIENTATION MULTIPLE**
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[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DEVICE FOR APPLYING AN EXPANDABLE SKIRT HAVING APPLICATION DIAMETER CONTROL UPON ADVANCE**
[54] **DISPOSITIF DE POSE D'UNE CHEMISE EXPANSIBLE AVEC CONTROLE DU DIAMETRE DE POSE A L'AVANCEMENT**
[72] LEIGHTON, JAMES, FR
[72] NICOLAS, FREDERIC, FR
[72] RIOU, YOANN, FR
[72] SALTEL, BENJAMIN, FR
[72] SALTEL, JEAN-LOUIS, FR
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[54] **APPARATUS FOR TREATING A FLUID WITH MICROWAVE RADIATION**
[54] **APPAREIL PERMETTANT DE TRAITER UN FLUIDE PAR RAYONNEMENT MICRO-ONDES**
[72] ZADYRAKA, YURIY VLADMIROVICH, GB
[72] GRITSININ, SERGEY IVANOVICH, RU
[72] MISAKYAN, MAMIKON ARAMOVICH, RU
[72] KOSSYI, IGOR ANTONOVICH, RU
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[54] **DISPOSITIF DE SUSPENSION POUR DISPOSITIF DE TRAITEMENT DE TOILETTES**
[72] KNORR, STELLA LOUISE, AU
[72] MIU, SASHA, AU
[72] SCOTT-MURPHY, ADRIAN CHARLES IAN, AU
[72] SELVALINGAM, SARAVANABHAVAN, AU
[73] RECKITT BENCKISER LLC, US
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[54] **SYSTEME POUVANT ETRE PORTE SUR LE CORPS D'UN UTILISATEUR ET SERVANT A PRODUIRE UNE DEPRESSION POUR DES APPLICATIONS MEDICALES**
[72] ECKSTEIN, AXEL, DE
[72] HOFSTETTER, JUERGEN, DE
[72] MOELLER, MARIO, DE
[72] HEER, ANDREAS, DE
[72] WEGNER, SIMON, DE
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[54] **PROCESS FOR ENHANCING DRY STRENGTH OF PAPER BY TREATMENT WITH VINYLAMINE-CONTAINING POLYMERS AND ACRYLAMIDE-CONTAINING POLYMERS**
[54] **PROCEDE D'AMELIORATION DE LA RESISTANCE A SEC DU PAPIER AU MOYEN D'UN TRAITEMENT AUX POLYMERES RENFERMANT DE LA VINYLAMINE ET AUX POLYMERES RENFERMANT DE L'ACRYLAMIDE**
[72] BRUNGARDT, CLEMENT L., US
[72] MCKAY, JONATHAN M., US
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[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[54] **UTILISATION DE TRIMETHYLGLYCINE EN VUE DE CONTROLER LE TARTRE**
[72] MORRIS, WILLIAM H., III, US
[73] NALCO COMPANY, US
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[54] **GRADUATED COMPRESSION DEVICE FOR THE TREATMENT OF CIRCULATORY DISORDERS**
[54] **ELEMENT DE COMPRESSION GRADUE POUR LE TRAITEMENT DE TROUBLES CIRCULATOIRES**
[72] LIPSHAW, MOSES, US
[72] RICHARDSON, THOMAS, US
[72] KENNERKNECHT, TERESA, US
[72] SHAW, SANDRA ANNE, US
[73] CIRCAID MEDICAL PRODUCTS, INC., US
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[54] **RECIPIENT ET SON PROCESSUS DE PRODUCTION**
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[73] HUHTAMAKI OYJ, FI
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[54] **INSTALLATION DE TRAITEMENT DU GAZ NATUREL**
[72] PLOEGER, JASON MICHAEL, US
[72] GOLDEN, TIMOTHY CHRISTOPHER, FR
[72] HUFTON, JEFFREY RAYMOND, US
[72] PALAMARA, JOHN EUGENE, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **PROCESS FOR PRODUCING A THIOMETALLATE OR A SELENOMETALLATE MATERIAL**
[54] **PROCEDE DE PREPARATION D'UNE SUBSTANCE DU TYPE THIOMETALLATE OU SELENOMETALLATE**
[72] REYNOLDS, MICHAEL ANTHONY, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **BIMATERIAL ELONGATED INSERT MEMBER FOR A GRINDING ROLL**
[54] **ELEMENTS D'INSERTION ALLONGES A DEUX MATERIAUX POUR ROULEAU DE BROYAGE**
[72] SIITONEN, PEKKA, FI
[72] KAIPIAINEN, MIKKO, FI
[72] LIIMATAINEN, JARI, FI
[72] GROENVALL, LARS, SE
[73] METSO MINERALS (WEAR PROTECTION) AB, SE
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[54] **METHODS FOR DETERMINING FRACTION OF FETAL NUCLEIC ACID IN MATERNAL SAMPLES**
[54] **PROCEDES POUR DETERMINER UNE FRACTION D'ACIDE NUCLEIQUE F□TAL DANS DES ECHANTILLONS MATERNELS**
[72] RAVA, RICHARD P., US
[72] CHUU, YUE-JEN, US
[72] CHINNAPPA, MANJULA, US
[72] COMSTOCK, DAVID A., US
[72] HEILEK, GABRIELLE, US
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[73] VERINATA HEALTH, INC., US
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[54] **FITTING ELEMENT WITH CONTROLLED STIFFNESS**
[54] **ELEMENT D'ADAPTATION A RIGIDITE CONTROLEE**
[72] BUREAU, MAXIME, ES
[72] JUNG, JE, HYUNG, ES
[72] KELLER, THIERRY, ES
[73] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
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[73] CODAN US CORPORATION, US
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[54] **CONFIGURATION MODULABLE DE CANAL DE CONTROLE SUR LA LIAISON MONTANTE**
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[72] SAMBHWANI, SHARAD DEEPAK, US
[73] QUALCOMM INCORPORATED, US
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[54] **METHOD AND APPARATUS FOR WELDING WITH SHORT CLEARING**
[54] **PROCEDE ET APPAREIL DESTINES AU SOUDAGE AVEC SUPPRESSION DE COURT-CIRCUIT**
[72] DAVIDSON, ROBERT R., US
[72] HUTCHISON, RICHARD M., US
[72] UECKER, JAMES L., US
[73] ILLINOIS TOOL WORKS INC., US
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[25] FR
[54] **METHOD FOR ANTI-SPROUTING AND POSSIBLY FUNGICIDAL TREATMENT OF BULBS AND/OR TUBERS USING CLOVE OIL AND MINT OIL**
[54] **PROCEDE DE TRAITEMENT ANTIGERMINATIF ET EVENTUELLEMENT FONGICIDE DE BULBES ET/OU TUBERCULES UTILISANT L'HUILE DE GIROFLE ET L'HUILE DE MENTHE**
[72] SARDO, ALBERTO, FR
[73] XEDA INTERNATIONAL, FR
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[54] **APPAREIL DE MANUTENTION DE COUCHES DE MARCHANDISES PALETTISEES**
[72] CHRISTENSEN, TORBEN, DK
[72] KJELDGAARD HANSEN, HENRIK, DK
[73] UNIVEYOR A/S, DK
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[54] **PROCESS OF MANUFACTURING A LYOPHILIZED FAST DISSOLVING, MULTI-PHASIC DOSAGE FORM**
[54] **PROCEDE DE FABRICATION D'UNE FORME POSOLOGIQUE MULTIPHASIQUE A DISSOLUTION RAPIDE, LYOPHILISEE**
[72] TIAN, WEI, GB
[73] R.P. SCHERER TECHNOLOGIES, LLC, US
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[54] **A COMPOSITION COMPRISING LEUCINE AND ISOLEUCINE FOR AMELIORATION OF HYPOALBUMINEMIA**
[54] **COMPOSITION COMPRENANT DE LA LEUCINE ET DE L'ISOLEUCINE POUR L'AMELIORATION DE L'HYPOALBUMINEMIE**
[72] DOI, MASAKO, JP
[72] NISHIMURA, MASUHIRO, JP
[72] TAMURA, NOZOMI, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
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[54] **METHOD OF MODELING THE COLORING PROCESS IN MOVING WEB MANUFACTURING**
[54] **PROCEDE DE MODELISATION DU PROCESSUS DE COLORATION LORS DE LA FABRICATION DE BANDE EN DEFILEMENT**
[72] NUYAN, SEYHAN, US
[72] FU, CALVIN, CA
[72] LOYTTYNIEMI, TOMMI, FI
[73] VALMET AUTOMATION OY, FI
[85] 2012-10-04
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[54] **MOBILE COMMUNICATIONS DEVICE PROVIDING SECURE ELEMENT DATA WIPING FEATURES AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION MOBILE OFFRANT DES FONCTIONNALITES D'EFFACEMENT DE DONNEES D'ELEMENT SECURISE ET METHODES ASSOCIEES**
[72] SINGH, RAVI, CA
[72] TAKACS, KRISTOF, CA
[72] MACGILLIVRAY, GEOFFREY WENDELL, CA
[72] MARCOVECCHIO, VINCENZO KAZIMIERZ, CA
[73] BLACKBERRY LIMITED, CA
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[54] **HITCH ASSEMBLY AND CROSS-TUBE STRUCTURE FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'ATTELAGE ET STRUCTURE A TUBE TRANSVERSAL POUR MACHINE AGRICOLE**
[72] KROMMINGA, GAYLEN JAMES, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[72] BAR-ANAN, ANAT, US
[72] VERED, NIMROD, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **CIRCUIT POUR CADENCER UN FPGA**
[72] SCHLACHTER, MARC, DE
[72] GIRARDEY, ROMUALD, FR
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[25] EN
[54] **METHOD FOR MEASUREMENT OF GEOMETRICAL PARAMETERS OF COATED THREADED JOINTS**
[54] **PROCEDE DE MESURE DES PARAMETRES GEOMETRIQUES DE JOINTS FILETES REVETUS**
[72] BONADEO, NICOLAS HERNAN, AR
[72] BERRA, SEBASTIAN, AR
[72] ETCHEVERRY, JAVIER IGNACIO, AR
[73] TENARIS CONNECTIONS B.V., NL
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[25] EN
[54] **MEASURING DEVICE OF THREAD PARAMETERS FOR THREADED JOINTS**
[54] **DISPOSITIF DE MESURE DES PARAMETRES DE FILETAGE DE JOINTS FILETES**
[72] BONADEO, NICOLAS HERNAN, AR
[72] BERRA, SEBASTIAN, AR
[72] ETCHEVERRY, JAVIER IGNACIO, AR
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[54] **CONTROL APPARATUS FOR VEHICLE AUTOMATIC TRANSMISSION**
[54] **APPAREIL DE COMMANDE POUR BOITE DE VITESSES AUTOMATIQUE DE VEHICULE**
[72] ISHIKAWA, YUTAKA, JP
[72] SAITO, HIROSHI, JP
[72] GOKAN, YASUHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2800574)
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[25] EN
[54] **THE USE OF SGC STIMULATORS, SGC ACTIVATORS, ALONE AND COMBINATIONS WITH PDE5 INHIBITORS FOR THE TREATMENT OF SYSTEMIC SCLEROSIS (SSC)**
[54] **UTILISATION DE STIMULATEURS DE LA SGC, D'ACTIVATEURS DE LA SGC, SEULS ET EN ASSOCIATION AVEC DES INHIBITEURS DE LA PDE5 EN VUE DU TRAITEMENT DE LA SCLERODERMIE SYSTEMIQUE**
[72] HIRTH-DIETRICH, CLAUDIA, DE
[72] SANDNER, PETER, DE
[72] STASCH, JOHANNES-PETER, DE
[72] KNORR, ANDREAS, DE
[72] VON DEGENFELD, GEORGES, DE
[72] HAHN, MICHAEL, DE
[72] FOLLMANN, MARKUS, DE
[73] ADVERIO PHARMA GMBH, DE
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[54] **SOYBEAN VARIETY A1037403**
[54] **VARIETE DE SOJA A1037403**
[72] JURY, THOMAS, US
[72] WILLIAMSON, TRAVIS, US
[73] MONSANTO TECHNOLOGY LLC, US
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[87] (2806761)
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[25] EN
[54] **METHODS AND DEVICES FOR INTER-LAYER PREDICTION IN SCALABLE VIDEO COMPRESSION**
[54] **METHODES ET DISPOSITIFS POUR PROCEDE DE PREDICTION ENTRE COUCHES EN COMPRESSION VIDEO EVOLUTIVE**
[72] WANG, JING, CA
[72] HE, DAKE, CA
[72] YU, XIANG, CA
[72] JI, TIANYING, CA
[73] BLACKBERRY LIMITED, CA
[86] (2807404)
[87] (2807404)
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[54] **SIMPLIFIED BASIC MEDIA FOR HUMAN PLURIPOTENT CELL CULTURE**
[54] **MILIEUX BASIQUES SIMPLIFIES DESTINES A LA CULTURE DE CELLULES PLURIPOTENTES HUMAINES**
[72] THOMSON, JAMES A., US
[72] CHEN, GUOKAI, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2013-02-01
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[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] WALLACE, JOHN DAVID, GB
[72] CHOONG, CHANG HIN, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **REACTIVE PROTECTION ARRANGEMENT**
[54] **SYSTEME DE PROTECTION REACTIF**
[72] KELLNER, GERD, DE
[72] SAILER, GERHARD, DE
[73] GEKE SCHUTZTECHNIK GMBH, DE
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[25] EN
[54] **HOME APPLIANCE WITH IMPROVED CONTROL ACCESS**
[54] **APPAREIL ELECTROMENAGER A ACCES AUX COMMANDES AMELIORE**
[72] FREEMAN, JOHN, US
[72] HARWARD, SAMUEL, US
[72] NASH, JEREMIAH, US
[72] RUTHERFORD, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2807862)
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[54] **SENSOR SYSTEM AND METHOD FOR DETERMINING AN OPTICAL PROPERTY OF A PLANT**
[54] **SYSTEME DE CAPTEURS ET PROCEDE DE DETERMINATION D'UNE PROPRIETE OPTIQUE D'UNE PLANTE**
[72] GROZ, DANIEL, DE
[72] DITTMAR, GUENTER, DE
[73] FRANKE GMBH, DE
[85] 2013-02-12
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[25] EN
[54] **PORTABLE OPEN-LOOP WELLWATER SOURCE HEAT PUMP FOR STANDALONE AND DUCT-CONNECTED INSTALLATION**
[54] **POMPE A CHALEUR GEOTHERMIQUE, PORTATIVE, POUR PUITS, POUR INSTALLATION INDEPENDANTE OU RACCORDEE A UN CONDUIT**
[72] SCHULTZ, DENNIS A., US
[72] DILLING, MICHAEL G., US
[73] TERRA CALORIC, LLC, US
[86] (2808487)
[87] (2808487)
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[54] **PLATFORM WITH HOSE REEL**
[54] **PLATE-FORME POURVUE D'UN DEVIDOIR**
[72] NYGAARD, STIG ANDRE, NO
[73] MACGREGOR NORWAY AS, NO
[85] 2013-02-20
[86] 2011-08-25 (PCT/EP2011/064613)
[87] (WO2012/028529)
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[54] **ANTIFUNGAL COMPOSITION**
[54] **COMPOSITION ANTIFONGIQUE**
[72] GANNABATHULA, SWAPNA, NZ
[72] STEPHENS, JONATHAN MCDONALD COUNSELL, NZ
[73] COMVITA NEW ZEALAND LIMITED, NZ
[85] 2013-02-26
[86] 2011-08-29 (PCT/NZ2011/000172)
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[30] NZ (587642) 2010-08-30

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[25] EN
[54] **REMOVABLE MUD FLAP ASSEMBLY AND METHODS OF USE**
[54] **ENSEMBLE GARDE-BOUE AMOVIBLE ET PROCEDES D'UTILISATION**
[72] PRAZEN, FRANK D., US
[72] CROSS, RAYMOND S., US
[73] INSTA FLAP USA, INC., US
[86] (2810100)
[87] (2810100)
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[51] **Int.Cl. C22C 38/14 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **HIGH CARBON STEEL WIRE ROD HAVING EXCELLENT DRAWABILITY**
[54] **FIL-MACHINE D'ACIER RICHE EN CARBONE PRESENTANT UNE EXCELLENTE APTITUDE A L'ETIRAGE DU FIL**
[72] OURA, HIROSHI, JP
[72] YOSHIHARA, NAO, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2013-03-22
[86] 2011-10-24 (PCT/JP2011/074417)
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[25] EN
[54] **SLIDING PANELS SYSTEM FOR HIDING A FLAT SCREEN TV**
[54] **SYSTEME DE PANNEAUX COULISSANTS POUR CACHER UN TELEVISEUR A ECRAN PLAT**
[72] LEMIEUX, ALAIN, CA
[73] LEMIEUX, ALAIN, CA
[86] (2814263)
[87] (2814263)
[22] 2013-04-26
[30] GB (1209048.6) 2012-05-22

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[25] EN
[54] **PRODUCTION OF HIGH PURITY PRECIPITATED CALCIUM CARBONATE**
[54] **PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE DE GRANDE PURETE**
[72] TAVAKKOLI, BAHMAN, AT
[72] SOETEMANN, JOERG, AT
[72] POHL, MICHAEL, AT
[72] SCHMOELZER, THOMAS, AT
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-04-11
[86] 2011-10-20 (PCT/EP2011/068319)
[87] (WO2012/055750)
[30] EP (10188840.2) 2010-10-26
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[25] EN
[54] **MONITORING USING DISTRIBUTED ACOUSTIC SENSING (DAS) TECHNOLOGY**
[54] **SURVEILLANCE A L'AIDE DE TECHNOLOGIE DE DETECTION ACOUSTIQUE REPARTIE (DAS)**
[72] BOSTICK, FRANCIS X., III, US
[72] GASTON, GRAHAM ALEXANDER, GB
[72] DRAKELEY, BRIAN K., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-04-18
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[25] EN
[54] **SYSTEM AND METHOD OF ADVANCED DIGITAL ECONOMIZATION**
[54] **SYSTEME ET PROCEDE D'ECONOMISATION NUMERIQUE AVANCEE**
[72] SIPE, JUSTIN JAMES, US
[72] MILLER, DANIEL E., US
[72] SCOTT, GERALD, US
[72] HELLEWELL, KENNETH, US
[73] TRANSFORMATIVE WAVE TECHNOLOGIES LLC, US
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[87] (2818631)
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[54] **COOLED BLADE FOR A GAS TURBINE**
[54] **LAME REFROIDIE POUR UNE TURBINE A GAZ**
[72] SAXER-FELICI, HELENE MARIE, CH
[72] NAIK, SHAILENDRA, CH
[72] SCHNIEDER, MARTIN, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2819816)
[87] (2819816)
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[25] EN
[54] **DEBURRING-MACHINE ABRASIVE BELT AND ONE-CIRCLE TWO-CHAMFER DEBURRING MACHINE AND DEBURRING METHOD**
[54] **BANDE ABRASIVE POUR MACHINE A EBAVURER, MACHINE A EBAVURER A UN CERCLE ET DEUX CHANFREINS ET METHODE D'EBAVURAGEDE**
[72] CHEN, YONGQI, CN
[73] HANGZHOU XIANGSHENG ABRASIVE MACHINE MANUFACTURING CO., LTD., CN
[85] 2013-06-26
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[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES**
[72] PILLAI, SHYAMALA, US
[72] FEI, LIN, US
[72] XU, GUOFENG, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **HOPPER BOTTOM FOR STORAGE BIN WITH INTEGRAL AERATION**
[54] **BASE POUR TREMIE AVEC AERATION INTEGRALE**
[72] THIESSEN, LESTER JAMES, CA
[73] ENVIRO PRODUCTION SYSTEMS INC., CA
[86] (2825610)
[87] (2825610)
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[51] **Int.Cl. E21B 43/14 (2006.01) E21B 47/10 (2012.01)**
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[54] **A METHOD FOR DETERMINING REGIONS FOR STIMULATION ALONG A WELLBORE IN A HYDROCARBON RESERVOIR, AND USING SUCH METHOD TO IMPROVE HYDROCARBON RECOVERY FROM THE RESERVOIR**
[54] **PROCEDE VISANT A DETERMINER LES REGIONS A STIMULER LE LONG D'UN PUITS DE FORAGE DANS UN RESERVOIR D'HYDROCARBURES ET UTILISATION D'UN TEL PROCEDE POUR AMELIORER LA RECUPERATION D'HYDROCARBURES A PARTIR DU RESERVOIR**
[72] FREDERICK, LAWRENCE J., CA
[72] DAVIDSON, BRETT C., CA
[72] MELING, TOR, CA
[73] WAVEFRONT TECHNOLOGY SOLUTIONS INC., CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
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[54] **DOWNHOLE TOOL HAVING EXPANDABLE ANNULAR MEMBER**
[54] **OUTIL DE FOND DE TROU DOTE D'UN ELEMENT ANNULAIRE DILATABLE**
[72] TURLEY, ROCKY A., US
[72] LIRETTE, BRENT J., US
[72] LE, HUY V., US
[72] GIVENS, GEORGE, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[86] 2012-02-16 (PCT/US2012/025531)
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[54] **FACIAL RECOGNITION**
[54] **RECONNAISSANCE FACIALE**
[72] STEINER, MATTHEW S., US
[73] GOOGLE INC., US
[85] 2013-08-16
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[54] **LITHIUM TITANIUM MIXED OXIDE**
[54] **OXYDE MIXTE DE LITHIUM ET DE TITANE**
[72] HOLZAPFEL, MICHAEL, DE
[72] NUSPL, GERHARD, DE
[73] JOHNSON MATTHEY PLC., GB
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[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **BLOOD COLLECTION DEVICE CONTAINING LYSOPHOSPHOLIPASE INHIBITOR**
[54] **DISPOSITIF DE COLLECTE DE SANG CONTENANT UN INHIBITEUR DE LYSOPHOSPHOLIPASE**
[72] CRAFT, DAVID, US
[72] APTE, PRIYANKA, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-08-29
[86] 2012-03-02 (PCT/US2012/027391)
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[51] **Int.Cl. H04N 19/82 (2014.01) H04N 19/126 (2014.01) H04N 19/50 (2014.01) G06T 5/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS, VIDEO ENCODING/DECODING METHODS, VIDEO ENCODING/DECODING APPARATUSES, AND PROGRAMS THEREFOR**
[54] **PROCEDE DE TRAITEMENT D'IMAGE, DISPOSITIF DE TRAITEMENT D'IMAGE, PROCEDE DE CODAGE/DECODAGE DE VIDEO, DISPOSITIF DE CODAGE/DECODAGE DE VIDEO ET PROGRAMMES ASSOCIES**
[72] MATSUMURA, MASAAKI, JP
[72] TAKAMURA, SEISHI, JP
[72] SHIMIZU, ATSUSHI, JP
[72] JOZAWA, HIROHISA, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[86] 2012-03-07 (PCT/JP2012/055748)
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[54] **TREATMENT OF VAGINAL ATROPHY AS NOVEL INDICATION FOR MYRRH**
[54] **TRAITEMENT DE L'ATROPHIE VAGINALE EN TANT QU'UNE NOUVELLE INDICATION DE MYRRHE**
[72] BRANDT, EVA, DE
[73] SONIA PHARMA GMBH, DE
[85] 2013-09-09
[86] 2012-03-15 (PCT/EP2012/054548)
[87] (WO2012/123539)
[30] EP (11158593.1) 2011-03-17
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[25] EN
[54] **SEMICONDUCTOR LASER MOUNTING FOR IMPROVED FREQUENCY STABILITY**
[54] **MONTAGE DE LASER A SEMI-CONDUCTEUR POUR STABILITE DE FREQUENCE AMELIOREE**
[72] NEUBAUER, GABI, US
[72] FEITISCH, ALFRED, US
[72] SCHREMPEL, MATHIAS, US
[73] SPECTRASENSORS, INC., US
[85] 2013-09-11
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[30] US (61/453,523) 2011-03-16

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[51] **Int.Cl. E21B 19/09 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **BACKUP HEAVE COMPENSATION SYSTEM AND LIFTING ARRANGEMENT FOR A FLOATING DRILLING VESSEL**
[54] **SYSTEME DE COMPENSATION DE TANGAGE DE SOUTIEN ET SYSTEME DE LEVAGE DESTINES A UN NAVIRE DE FORAGE FLOTTANT**
[72] BREIVIK, HARALD WAHL, NO
[72] SKINNES, KENNETH, NO
[72] SORTVEIT, HAVAR, NO
[72] SKINNES, JENS, NO
[73] WELLPARTNER AS, NO
[85] 2013-09-24
[86] 2012-04-26 (PCT/NO2012/050079)
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[51] **Int.Cl. A61M 25/00 (2006.01) A61F 5/451 (2006.01)**
[25] EN
[54] **URINE COLLECTION ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE DE COLLECTE D'URINE**
[72] O'BRIEN, DANIEL, IE
[72] CREAVEN, MARTIN P., IE
[72] MURRAY, MICHAEL, IE
[72] JENSEN, BENT, DK
[72] HANNON, DAVID, IE
[73] HOLLISTER INCORPORATED, US
[85] 2013-09-24
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[51] **Int.Cl. A45D 19/00 (2006.01) G06Q 50/10 (2012.01) A45D 44/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR BATCH SIZING HAIR DYE MIXTURES**
[54] **SYSTEME ET PROCEDE POUR LE DIMENSIONNEMENT PAR LOT DE MELANGES DE COLORANTS CAPILLAIRES**
[72] MILLER, DEBBIE, US
[72] SARANOW, MITCHELL H., US
[72] WRIGHT, MICHAEL, US
[73] SURETINT TECHNOLOGIES, LLC, US
[85] 2013-10-04
[86] 2012-04-06 (PCT/US2012/032471)
[87] (WO2012/138964)
[30] US (13/081,147) 2011-04-06

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[25] EN
[54] **MOLDED PART**
[54] **ARTICLE MOULE**
[72] HARADA, TAKASHI, JP
[72] SHIGENARI, YU, JP
[72] INAGAKI, KOICHI, JP
[72] TANAKA, AGAMU, JP
[72] ISHIGURE, TADAHIRO, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2013-10-08
[86] 2012-04-25 (PCT/JP2012/061105)
[87] (WO2012/147802)
[30] JP (2011-098337) 2011-04-26

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[51] **Int.Cl. D21H 21/30 (2006.01) D21H 17/07 (2006.01)**
[25] EN
[54] **FLUORESCENT BRIGHTER #71 USED FOR THE PAPERMAKING PROCESS**
[54] **AGENT DE BLANCHIMENT FLUORESCENT 71 UTILISE POUR LE PROCEDE DE FABRICATION DE PAPIER**
[72] LI, MENG JUN, CA
[72] LI, ERIC JI WEI, CA
[73] LI, MENG JUN, CA
[73] LI, ERIC JI WEI, CA
[86] (2832776)
[87] (2832776)
[22] 2013-11-13

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[51] **Int.Cl. A61D 19/04 (2006.01)**
[25] EN
[54] **EMBRYO TRANSFER**
[54] **TRANSFERT D'EMBRYONS**
[72] GAVAGA, QUINN A., CA
[73] GAVAGA, QUINN A., CA
[85] 2013-10-21
[86] 2012-06-19 (PCT/CA2012/050407)
[87] (WO2012/174658)
[30] US (61/499,351) 2011-06-21

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[51] **Int.Cl. F02C 7/047 (2006.01) F01D 25/02 (2006.01)**
[25] EN
[54] **SPLITTER NOSE OF AN AXIAL TURBOMACHINE WITH A DE-ICING DEVICE**
[54] **NEZ DIVISEUR D'UNE TURBOMACHINE AXIALE AVEC UN DISPOSITIF DE DEGIVRAGE**
[72] THISE, FREDERICK, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2833987)
[87] (2833987)
[22] 2013-11-25
[30] EP (12195999.3) 2012-12-07

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[13] C
[51] **Int.Cl. B62D 63/06 (2006.01)**
[25] EN
[54] **TRANSPORT TRAILER WITH FOUR WHEEL STEERING**
[54] **REMORQUE DE TRANSPORT DOTEE D'UNE DIRECTION A QUATRE ROUES**
[72] GAERKE, JOSHUA P., US
[72] WOOD, JAMES E., US
[72] GARTIN, ANDREW A., US
[73] J. & M. MANUFACTURING CO., INC., US
[86] (2834543)
[87] (2834543)
[22] 2013-11-28
[30] US (13/692,216) 2012-12-03

[11] **2,835,953**
[13] C
[51] **Int.Cl. G01F 1/84 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING AND CONTROLLING A STATIC FLUID PRESSURE THROUGH A VIBRATING METER**
[54] **PROCEDE ET APPAREIL DESTINES A DETERMINER ET COMMANDER UNE PRESSION STATIQUE DE FLUIDE DANS UN DEBITMETRE VIBRATOIRE**
[72] ZIMMER, PATRICK JOHN, US
[72] WEINSTEIN, JOEL, US
[73] MICRO MOTION, INC., US
[85] 2013-11-12
[86] 2011-06-08 (PCT/US2011/039611)
[87] (WO2012/170020)

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[13] C
[51] **Int.Cl. B65D 85/00 (2006.01) B65B 1/04 (2006.01)**
[25] EN
[54] **PACKING OF POLYSILICON**
[54] **GARNITURE EN POLYSILICIUM**
[72] WOCHNER, HANNS, DE
[73] WACKER CHEMIE AG, DE
[86] (2836547)
[87] (2836547)
[22] 2013-12-03
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[51] **Int.Cl. A61F 13/514 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH NARROW POLYMERIC FILM AND OPACITY STRENGTHENING PATCH**
[54] **ARTICLE ABSORBANT A FILM POLYMERE ETROIT ET PIECE DE RENFORCEMENT D'OPACITE**
[72] RAYCHECK, JEROMY THOMAS, US
[72] GOODLANDER, LISA JANE, US
[72] GRINKEMEYER, LISA MARIA, US
[72] MOSMAN, JESSICA LEE, US
[72] NAYLOR, JASON EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A61K 33/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CHLORITE IN THE TREATMENT OF NEURODEGENERATIVE DISEASE**
[54] **CHLORITE DANS LE TRAITEMENT DE MALADIE NEURODEGENERATIVE**
[72] MCGRATH, MICHAEL S., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[51] **Int.Cl. G01F 15/18 (2006.01) G01F 1/84 (2006.01) G01N 9/30 (2006.01)**
[25] EN
[54] **IMPROVED ELECTRICAL CONFIGURATION FOR A VIBRATING METER**
[54] **CONFIGURATION ELECTRIQUE AMELIOREE POUR DISPOSITIF DE MESURE A VIBRATION**
[72] WERBACH, CHRISTOPHER A., US
[72] SAMSON, ALLAN L., US
[73] MICRO MOTION, INC., US
[85] 2013-12-12
[86] 2011-07-07 (PCT/US2011/043156)
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[51] **Int.Cl. A47C 7/42 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **PORTABLE SPINAL ORTHOTIC BACKREST**
[54] **DOSSIER ORTHETIQUE LOMBAIRE PORTATIF**
[72] HO, HOI MING MICHAEL, CA
[73] HO, HOI MING MICHAEL, CA
[86] (2839227)
[87] (2839227)
[22] 2014-01-14
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[51] **Int.Cl. H04W 28/20 (2009.01) G05B 19/418 (2006.01)**
[25] EN
[54] **DYNAMIC ASSIGNING OF BANDWIDTH TO FIELD DEVICES IN A PROCESS CONTROL SYSTEM**
[54] **ASSIGNATION DYNAMIQUE DE BANDE PASSANTE A DES DISPOSITIFS DE CHAMP DANS UN SYSTEME DE CONTROLE DE PROCESSUS**
[72] AKERBERG, JOHAN, SE
[72] LANDERNAS, KRISTER, SE
[72] GIDLUND, MIKAEL, SE
[73] ABB RESEARCH LTD, CH
[85] 2013-12-11
[86] 2011-06-14 (PCT/EP2011/059729)
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[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/00 (2012.01) G01F 1/56 (2006.01)**
[25] EN
[54] **ELECTROMAGNETICALLY HEATED THERMAL FLOWMETER FOR WELLBORE FLUIDS**
[54] **DEBITMETRE THERMIQUE A CHAUFFAGE ELECTROMAGNETIQUE POUR FLUIDES DE TROU DE FORAGE**
[72] DIFOGGIO, ROCCO, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-12-17
[86] 2012-06-19 (PCT/US2012/043065)
[87] (WO2013/003109)
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[51] **Int.Cl. A61F 13/49 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH WAISTBAND HAVING CONTRACTION**
[54] **ARTICLE ABSORBANT AYANT UNE CEINTURE MONTEE PRESENTANT UNE CONTRACTION**
[72] LAWSON, KATHLEEN MARIE, US
[72] RAYCHECK, JEROMY THOMAS, US
[72] MACIAG, KATHLEEN ANN MURPHY, US
[72] HAMILTON, RAYMOND SCOTT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-19
[86] 2012-06-07 (PCT/US2012/041216)
[87] (WO2012/177400)
[30] US (61/499,290) 2011-06-21

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 10/10 (2012.01) G06F 17/27 (2006.01)**
[25] EN
[54] **INFERRING TOPICS FROM SOCIAL NETWORKING SYSTEM COMMUNICATIONS USING SOCIAL CONTEXT**
[54] **DEDUCTION DE SUJETS D'APRES DES COMMUNICATIONS DE SYSTEME DE RESEAU SOCIAL A L'AIDE D'UN CONTEXTE SOCIAL**
[72] DEETER, KEN, US
[72] DUONG, MINH, US
[73] FACEBOOK, INC., US
[85] 2013-12-23
[86] 2012-06-06 (PCT/US2012/041109)
[87] (WO2012/177397)
[30] US (13/167,700) 2011-06-24

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[25] EN
[54] **SHADOWING STORAGE GATEWAY**
[54] **PASSFRELLE DE STOCKAGE DE REPLICATION**
[72] SORENSON, JAMES CHRISTOPHER, III, US
[72] LIN, YUN, US
[72] SALYERS, DAVID C., US
[72] KHETRAPAL, ANKUR, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-12-24
[86] 2012-06-29 (PCT/US2012/044911)
[87] (WO2013/003713)
[30] US (13/174,505) 2011-06-30

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[13] C
[51] **Int.Cl. H04N 21/2662 (2011.01)**
[25] EN
[54] **DYNAMIC BIT RATE ADAPTATION OVER BANDWIDTH VARYING CONNECTION**
[54] **ADAPTATION DE DEBIT BINAIRE DYNAMIQUE SUR UNE CONNEXION VARIANT EN BANDE PASSANTE**
[72] COTE, SEBASTIEN, CA
[72] KRAUSE, JEAN-NOEL, CA
[73] VANTRIX CORPORATION, CA
[85] 2014-01-20
[86] 2012-07-10 (PCT/CA2012/000658)
[87] (WO2013/023271)
[30] US (13/210,652) 2011-08-16

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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **APPARATUS FOR FOAMING A LIQUID**
[54] **DISPOSITIF SERVANT A FAIRE MOUSSER UN LIQUIDE**
[72] BARTH, VOLKER, DE
[73] BARTH, VOLKER, DE
[85] 2014-01-28
[86] 2012-07-26 (PCT/EP2012/003163)
[87] (WO2013/017225)
[30] DE (10 2011 108 810.9) 2011-07-29

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[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **SELF-BINDING PIGMENT HYBRID**
[54] **PIGMENT HYBRIDE AUTO-LIANT**
[72] GANTENBEIN, DANIEL, NO
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-02-10
[86] 2012-08-28 (PCT/EP2012/066658)
[87] (WO2013/030178)
[30] EP (11179572.0) 2011-08-31
[30] US (61/531,667) 2011-09-07

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[25] FR
[54] **PHOTOCATALYTIC FILM FOR SOIL FUMIGATION**
[54] **FILM PHOTOCATALYTIQUE POUR LA FUMIGATION DES SOLS**
[72] CHARLES, PATRICK, FR
[72] FOUILLET, THIERRY, FR
[73] ARKEMA FRANCE, FR
[85] 2014-02-20
[86] 2012-08-31 (PCT/FR2012/051960)
[87] (WO2013/030513)
[30] FR (1157730) 2011-09-01

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[51] **Int.Cl. G08B 17/00 (2006.01) A62C 3/08 (2006.01) B64D 25/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **THERMAL EVENT DETECTION AND NOTIFICATION SYSTEM**
[54] **SYSTEME DE DETECTION ET DE NOTIFICATION D'EVENEMENTS THERMIQUES**
[72] RENNIE, PAUL ALAN, GB
[73] KIDDE TECHNOLOGIES, INC., US
[86] (2846008)
[87] (2846008)
[22] 2014-03-12
[30] GB (1304595.0) 2013-03-14

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[51] **Int.Cl. B01J 35/10 (2006.01) B01J 23/89 (2006.01) B01J 37/02 (2006.01) B01J 37/04 (2006.01) B01J 37/34 (2006.01)**
[25] EN
[54] **PLATE-SHAPED CATALYST PRODUCT AND METHOD FOR MANUFACTURING SAME**
[54] **PRODUIT CATALYTIQUE EN FORME DE PLAQUE ET SON PROCEDE DE FABRICATION**
[72] RUAN, HAI XIONG, CA
[73] BLUE-O TECHNOLOGY INC., CA
[85] 2014-02-21
[86] 2012-08-24 (PCT/CA2012/050590)
[87] (WO2013/026171)
[30] US (61/526,991) 2011-08-24

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[51] **Int.Cl. B32B 3/06 (2006.01) B22F 7/04 (2006.01) B32B 15/04 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **CONFIGURATION FOR JOINING A CERAMIC THERMAL INSULATING MATERIAL TO A METALLIC STRUCTURE**
[54] **CONFIGURATION PERMETTANT DE JOINDRE UN MATERIAU ISOLANT THERMIQUE EN CERAMIQUE A UNE STRUCTURE METALLIQUE**
[72] WITZ, GREGOIRE ETIENNE, CH
[72] HOEBEL, MATTHIAS, CH
[72] BOSSMANN, HANS-PETER, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2848672)
[87] (2848672)
[22] 2014-04-09
[30] EP (13163603.7) 2013-04-12

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[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/67 (2006.01) A61L 27/50 (2006.01) A61Q 19/08 (2006.01) C08B 37/08 (2006.01)**
[25] EN
[54] **ASCORBATE MODIFIED CROSSLINKED HYALURONIC ACID DERMAL FILLER COMPOSITIONS THAT EXHIBIT REDUCED TYNDALL EFFECT**
[54] **COMPOSITION DE REMPLISSAGE DERMAL D'ACIDE HYALURONIQUE RETICULE MODIFIE A L'ASCORBATE QUI PRESENTE UN EFFET TYNDALL REDUIT**
[72] NJIKANG, GABRIEL N., US
[72] YU, XIAOJIE, US
[72] LIU, FUTIAN, US
[72] MANESIS, NICHOLAS J., US
[72] PALIWAL, SUMIT, US
[73] ALLERGAN, INC., US
[85] 2014-03-14
[86] 2012-09-13 (PCT/US2012/055211)
[87] (WO2013/040242)
[30] US (61/534,780) 2011-09-14
[30] US (PCT/US2012/052125) 2012-08-23

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[13] C
[51] **Int.Cl. F24J 2/38 (2014.01) F24J 2/54 (2006.01)**
[25] EN
[54] **SOLAR TRACKER**
[54] **DISPOSITIF DE SUIVI SOLAIRE**
[72] SIDDIQUI, KAMRAN, CA
[72] HASSAN, HASSAN, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2014-03-21
[86] 2012-09-21 (PCT/CA2012/050664)
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[30] US (61/537,517) 2011-09-21

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[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/03 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **AGGREGATING REAGENTS AND METHODS FOR MAKING AND USING SAME**
[54] **REACTIFS D'AGREGATION ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CEUX-CI**
[72] VELDMAN, RAYNARD, US
[72] KAKADJIAN, SARKIS RANKA, US
[72] ZAMORA, FRANK, US
[73] LUBRIZOL OILFIELD SOLUTIONS, INC., US
[85] 2014-03-25
[86] 2012-10-04 (PCT/IB2012/055341)
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[51] **Int.Cl. H01L 21/66 (2006.01) G01R 31/36 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **TESTING DEVICE AND TESTING METHOD FOR SECONDARY BATTERY USING SEMICONDUCTOR PROBE**
[54] **DISPOSITIF D'ESSAI ET PROCEDE D'ESSAI POUR BATTERIE SECONDAIRE A L'AIDE D'UNE SONDE SEMI-CONDUCTRICE**
[72] DEWA, HARUTADA, JP
[72] HIWADA, KIYOYASU, JP
[72] NAKAZAWA, AKIRA, JP
[72] TERAKADO, NOBUAKI, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD, JP
[85] 2014-04-25
[86] 2011-10-30 (PCT/JP2011/075012)
[87] (WO2013/065094)

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[13] C
[51] **Int.Cl. A47B 55/00 (2006.01) A47B 47/00 (2006.01)**
[25] EN
[54] **STORAGE RACK WITH IMPROVED TIE SUPPORT**
[54] **ETAGERE DE RANGEMENT AVEC SUPPORT AMELIORE**
[72] OFFERMAN, RYAN THOMAS, US
[73] LF CENTENNIAL LIMITED, VG
[86] (2856900)
[87] (2856900)
[22] 2014-07-15
[30] US (14/304,895) 2014-06-14

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[13] C
[51] **Int.Cl. B65D 47/06 (2006.01) A61J 1/20 (2006.01) B65D 25/38 (2006.01)**
[25] EN
[54] **MEDICINE BOTTLE**
[54] **FLACON DE MEDICAMENT**
[72] OSCHWALD, HANS, DE
[73] OPTIPHARMA GMBH, DE
[86] (2857474)
[87] (2857474)
[22] 2014-07-23
[30] DE (20 2013 006 898.1) 2013-07-31

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[13] C
[51] **Int.Cl. A01K 15/00 (2006.01)**
[25] EN
[54] **ANIMAL MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ANIMAUX**
[72] TOTH, JOSEPH M., CA
[73] THRIVE SOLUTIONS LTD., CA
[86] (2858905)
[87] (2858905)
[22] 2014-08-08
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[51] **Int.Cl. H05K 7/14 (2006.01) B29C 70/72 (2006.01) G01D 11/24 (2006.01) H01H 9/02 (2006.01) H01H 36/00 (2006.01) H03K 17/945 (2006.01) H03K 17/95 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING DEVICE**
[54] **COMMUTATEUR ELECTRIQUE**
[72] BANASZEK, MATTHIAS, DE
[72] WEBER, JENS, DE
[73] K.A. SCHMERSAL HOLDING GMBH & CO. KG, DE
[85] 2014-06-12
[86] 2012-12-05 (PCT/EP2012/005006)
[87] (WO2013/087160)
[30] DE (10 2011 121 045.1) 2011-12-14

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[51] **Int.Cl. B64C 21/02 (2006.01) F15D 1/10 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **SYNTHETIC JET MUFFLER**
[54] **AMORTISSEUR DE JET SYNTHETIQUE**
[72] GRIFFIN, STEVEN F., US
[73] THE BOEING COMPANY, US
[86] (2859210)
[87] (2859210)
[22] 2014-08-12
[30] US (14/055,560) 2013-10-16

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[51] **Int.Cl. C01G 51/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COBALT SULFATE**
[54] **PROCEDE DE FABRICATION DE SULFATE DE COBALT**
[72] NAKAI, TAKAYUKI, JP
[72] NAGASE, NORIYUKI, JP
[72] HEGURI, SHIN-ICHI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-06-20
[86] 2012-12-06 (PCT/JP2012/081631)
[87] (WO2013/099551)
[30] JP (2011-282633) 2011-12-26

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[13] C
[51] **Int.Cl. H04B 10/11 (2013.01) H04B 10/27 (2013.01) H04B 10/40 (2013.01)**
[25] EN
[54] **BALLOON NETWORK WITH FREE-SPACE OPTICAL COMMUNICATION BETWEEN SUPER-NODE BALLOONS AND RF COMMUNICATION BETWEEN SUPER-NODE AND SUB-NODE BALLOONS**
[54] **RESEAU A BALLONS AVEC COMMUNICATION OPTIQUE EN ESPACE LIBRE ENTRE LES BALLONS SUPER-NOEUDS ET COMMUNICATION RADIOFREQUENCE ENTRE LES BALLONS SUPER-NOEUDS ET LES BALLONS SOUS-NOEUDS**
[72] DEVAUL, RICHARD WAYNE, US
[72] TELLER, ERIC, US
[72] BIFFLE, CLIFFORD L., US
[72] WEAVER, JOSH, US
[73] X DEVELOPMENT LLC, US
[85] 2014-07-07
[86] 2013-01-08 (PCT/US2013/020705)
[87] (WO2013/106348)
[30] US (13/346,636) 2012-01-09

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[51] **Int.Cl. H01B 19/00 (2006.01) H01B 3/12 (2006.01) H01B 17/06 (2006.01) H01B 17/66 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURE OF PORCELAIN INSULATOR STRUCTURES AND METHOD AND ASSEMBLY FOR AFFIXING METAL FLANGES TO PORCELAIN INSULATORS**
[54] **PROCEDE DE FABRICATION DE STRUCTURES D'ISOLATEURS EN PORCELAINE ET PROCEDE ET ENSEMBLE PERMETTANT DE FIXER DES BRIDES METALLIQUES A DES ISOLATEURS EN PORCELAINE**
[72] DIAMANTI, PAOLO, CA
[72] MCTAGGART, ROSS, CA
[72] ARJUNE, JOSEPH, CA
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-07-11
[86] 2013-01-14 (PCT/IB2013/000041)
[87] (WO2013/104983)
[30] US (61/586,171) 2012-01-13

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[51] **Int.Cl. H02P 25/089 (2016.01) H02P 6/185 (2016.01)**
[25] EN
[54] **METHOD FOR CONTROLLING SWITCHED RELUCTANCE MOTOR WITH STEPPED FREEWHEELING AND WITHOUT POSITION SENSOR**
[54] **PROCEDE DE COMMANDE D'UN MOTEUR A RELUCTANCE COMMUTEE SANS CAPTEUR DE POSITION EN ROUE LIBRE PAR PROGRESSION**
[72] CHEN, HAO, CN
[72] ZENG, HUI, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2014-07-17
[86] 2013-01-24 (PCT/CN2013/070930)
[87] (WO2014/063453)
[30] CN (201210403886.5) 2012-10-22

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[13] C
[51] **Int.Cl. H01R 4/64 (2006.01) H01R 4/06 (2006.01)**
[25] EN
[54] **CONDUCTIVE CONNECTION ASSEMBLY, METHOD FOR MANUFACTURING THE SAME AND KIT FOR A BODY COMPRISING CARBON FIBRE-REINFORCED MATERIAL**
[54] **ENSEMBLE DE CONNEXIONS CONDUCTRICES, SON PROCEDE DE FABRICATION ET KIT POUR CORPS COMPRENANT UN MATERIAU RENFORCE DE FIBRES DE CARBONE**
[72] MACNAUGHTON, ROY, GB
[72] STUBBS, MATTHEW, GB
[73] TYCO ELECTRONICS UK LTD, GB
[85] 2014-07-09
[86] 2013-01-08 (PCT/EP2013/050178)
[87] (WO2013/104596)
[30] EP (12151158.8) 2012-01-13

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[51] **Int.Cl. B25J 9/16 (2006.01)**
[25] EN
[54] **DRILLING APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE PERCAGE**
[72] CARBERRY, JONATHAN MICHAEL, GB
[72] COOK, AUSTIN JAMES, GB
[73] BAE SYSTEMS PLC, GB
[85] 2014-07-31
[86] 2013-01-29 (PCT/GB2013/050185)
[87] (WO2013/114090)
[30] GB (1201745.5) 2012-02-01

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[13] C
[51] **Int.Cl. B65D 5/468 (2006.01) B65D 5/50 (2006.01)**
[25] EN
[54] **CARTON BOX WITH HAND HOLES AND SPACER PANEL TO FACILITATE LIFTING AND CARRYING THE BOX**
[54] **BOITE EN CARTON POURVUE DE TROUS DE PREHENSION ET D'UN PANNEAU INTERCALAIRE POUR FACILITER LE SOULEVEMENT ET LE TRANSPORT DE LA BOITE**
[72] FABER, RICHARD D., US
[72] BUSS, KENNETH, US
[72] BEVIER, ALEX D., US
[72] JAMBOIS, BRIAN K., US
[72] ROBERTS, ADAM P., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2014-08-15
[86] 2013-02-15 (PCT/US2013/026404)
[87] (WO2013/123370)
[30] US (61/599,600) 2012-02-16
[30] US (61/724,457) 2012-11-09

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[51] **Int.Cl. B65D 75/32 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **PACKAGING ASSEMBLY TO PREVENT PREMATURE ACTIVATION**
[54] **ENSEMBLE DE CONDITIONNEMENT PERMETTANT D'EMPECHER UNE ACTIVATION PREMATUREE**
[72] ARIAGNO, SCOTT R., US
[72] SCHILLING, MARK D., US
[72] PLA, TOMAS V., US
[73] BAXALTA GMBH, CH
[73] BAXALTA INCORPORATED, US
[85] 2014-08-19
[86] 2012-02-22 (PCT/US2012/026127)
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[51] **Int.Cl. F02C 7/18 (2006.01) F01D 25/12 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE**
[54] **MACHINE MOTRICE DE TURBINE A GAZ**
[72] NAKAMATA, CHIYUKI, JP
[73] IHI CORPORATION, JP
[85] 2014-08-28
[86] 2013-02-27 (PCT/JP2013/055247)
[87] (WO2013/129530)
[30] JP (2012-043133) 2012-02-29

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[51] **Int.Cl. A42B 3/14 (2006.01) A42B 3/10 (2006.01)**
[25] EN
[54] **HELMET SUSPENSION FIT SYSTEM**
[54] **SYSTEME D'AJUSTEMENT DE SUSPENSION DE CASQUE**
[72] BAYNE, TIMOTHY, CA
[73] BIOKINETICS & ASSOCIATES LTD., CA
[86] (2867016)
[87] (2867016)
[22] 2014-10-14
[30] US (61/961,440) 2013-10-15

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[51] **Int.Cl. G03G 9/08 (2006.01) G03G 9/087 (2006.01) G03G 9/10 (2006.01)**
[25] EN
[54] **TONER, DEVELOPER, AND IMAGE FORMING APPARATUS**
[54] **TONER, REVELATEUR ET APPAREIL DE FORMATION D'IMAGE**
[72] NAGATOMO, TSUNEYASU, JP
[72] KOJIMA, SATOSHI, JP
[72] SATOH, SYOUKO, JP
[72] HIROHARA, KIWAKO, JP
[72] UCHINOKURA, OSAMU, JP
[72] AWAMURA, JUNICHI, JP
[72] OGAWA, SATOSHI, JP
[72] HONDA, TAKAHIRO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2014-09-12
[86] 2013-03-07 (PCT/JP2013/057112)
[87] (WO2013/137366)
[30] JP (2012-057365) 2012-03-14

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[51] **Int.Cl. G06F 12/00 (2006.01) G06F 11/16 (2006.01) G06F 12/16 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **DATA SENDING METHOD, DATA RECEIVING METHOD, AND STORAGE DEVICE**
[54] **METHODE D'ENVOI DE DONNEES, METHODE DE RECEPTION DE DONNEES ET DISPOSITIF DE STOCKAGE**
[72] OUYANG, JI, CN
[72] ZOU, YE, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-09-19
[86] 2013-07-26 (PCT/CN2013/080203)
[87] (WO2015/010327)

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[13] C
[51] **Int.Cl. B01D 39/00 (2006.01) B01D 39/14 (2006.01) B01D 46/02 (2006.01) D06H 5/00 (2006.01)**
[25] EN
[54] **SEAM-SEALED FILTERS AND METHODS OF MAKING THEREOF**
[54] **FILTRES A JONCTION ETANCHE ET LEURS PROCEDES DE FABRICATION**
[72] ROEHMER, REBECCA LYNN, US
[72] MINOR, STEVE EMMETT, US
[72] ZERO, SCOTT, US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-10-14
[86] 2013-04-26 (PCT/US2013/038322)
[87] (WO2013/163495)
[30] US (13/458,442) 2012-04-27

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[13] C
[51] **Int.Cl. H04W 16/18 (2009.01) H04W 24/00 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ESTIMATING A PARAMETER OF A WIRELESS COMMUNICATION CHANNEL**
[54] **PROCEDE ET DISPOSITIF POUR ESTIMER UN PARAMETRE D'UN CANAL DE COMMUNICATION SANS FIL**
[72] LIU, YUXI, CN
[72] WANG, WENHONG, CN
[72] HU, BO, CN
[72] OUYANG, HONG, CN
[72] ZHAO, JIAKUI, CN
[73] STATE GRID CORPORATION OF CHINA (SGCC), CN
[73] BEIJING CHINA-POWER INFORMATION TECHNOLOGY CO., LTD., CN
[86] (2870973)
[87] (2870973)
[22] 2014-11-14
[30] CN (201310634670.4) 2013-12-02

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INHIBITOR OF JAK1 AND JAK2**
[54] **INHIBITEUR DE JAK1 ET JAK2**
[72] BURKHOLDER, TIMOTHY PAUL, US
[72] CLAYTON, JOSHUA RYAN, US
[73] ELI LILLY AND COMPANY, US
[85] 2014-10-24
[86] 2013-06-05 (PCT/US2013/044211)
[87] (WO2013/188184)
[30] US (61/659,679) 2012-06-14

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[51] **Int.Cl. A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/22 (2006.01)**
[25] EN
[54] **OUTER MEMBRANE VESICLE (OMV) VACCINE COMPRISING N. MENINGITIDIS SEROGROUP B OUTER MEMBRANE PROTEINS**
[54] **VACCIN A BASE DE VESICULE DE MEMBRANE EXTERNE (OMV) COMPRENANT DES PROTEINES DE MEMBRANE EXTERNE DU SEROGROUPE B DE N. MENINGITIS**
[72] PIZZA, MARIAGRAZIA, IT
[72] RAPPUOLI, RINO, IT
[72] GIULIANI, MARZIA, IT
[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT
[86] (2871789)
[87] (2871789)
[22] 2001-01-17
[62] 2,397,508
[30] GB (0001067.8) 2000-01-17
[30] GB (0005699.4) 2000-03-09

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[13] C
[51] **Int.Cl. H04W 24/04 (2009.01) H04W 56/00 (2009.01) H04W 84/18 (2009.01) G08B 25/10 (2006.01)**
[25] EN
[54] **WIRELESS FIRE SYSTEM WITH IDLE MODE AND GATEWAY REDUNDANCY**
[54] **RESEAU D'INCENDIE SANS FIL AVEC MODE REPOS ET REDONDANCE DE PASSERELLE**
[72] FRISON, ANDREA, US
[72] MERLI, DANIEL, US
[72] POLITO, DANIEL, US
[73] LIFE SAFETY DISTRIBUTION AG, CH
[86] (2872267)
[87] (2872267)
[22] 2014-11-24
[30] US (14/101,863) 2013-12-10

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[13] C
[51] **Int.Cl. B23K 26/34 (2014.01) B23K 35/30 (2006.01)**
[25] EN
[54] **LASER ADDITIVE REPAIRING OF NICKEL BASE SUPERALLOY COMPONENTS**
[54] **REPARATION ADDITIVE PAR LASER DES COMPOSANTS EN SUPERALLIAGE A BASE DE NICKEL**
[72] OZBAYSAL, KAZIM, US
[73] SIEMENS ENERGY, INC., US
[85] 2014-10-30
[86] 2013-05-13 (PCT/US2013/040742)
[87] (WO2014/025432)
[30] US (61/645,863) 2012-05-11
[30] US (13/489,863) 2012-06-06
[30] US (13/611,034) 2012-09-12
[30] US (13/891,314) 2013-05-10

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[13] C
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01)**
[25] EN
[54] **METHODS OF FORMING CUTTING ELEMENTS BY REMOVING METAL FROM INTERSTITIAL SPACES IN POLYCRYSTALLINE DIAMOND**
[54] **PROCEDES DE FORMATION D'ELEMENTS DE COUPE EN RETIRANT DU METAL DES ESPACES INTERSTITIELS DANS LE DIAMANT POLYCRISTALLIN**
[72] MAZYAR, OLEG A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-11-04
[86] 2013-05-03 (PCT/US2013/039486)
[87] (WO2013/166398)
[30] US (13/464,483) 2012-05-04

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[13] C
[51] **Int.Cl. B64C 27/57 (2006.01) B64C 19/00 (2006.01) B64C 27/52 (2006.01)**
[25] EN
[54] **COLLECTIVE PITCH INTEGRATION WITH CONTROL POWER MANAGEMENT SYSTEM**
[54] **INTEGRATION DE PAS GENERAL AVEC SYSTEME DE GESTION DE PUISSANCE DE COMMANDE**
[72] FORTENBAUGH, ROBERT L., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2873009)
[87] (2873009)
[22] 2014-11-28
[30] US (14/136,147) 2013-12-20

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[13] C
[51] **Int.Cl. B64B 1/44 (2006.01) B64B 1/62 (2006.01) H01L 31/042 (2014.01)**
[25] EN
[54] **BALLOON ALTITUDE CONTROL USING DENSITY ADJUSTMENT AND/OR VOLUME ADJUSTMENT**
[54] **COMMANDE DE L'ALTITUDE D'UN BALLON EN UTILISANT UN REGLAGE DE DENSITE ET/OU UN REGLAGE DE VOLUME**
[72] TELLER, ERIC, US
[72] DEVAUL, RICHARD WAYNE, US
[72] WEAVER, JOSHUA, US
[72] BIFFLE, CLIFFORD, US
[73] X DEVELOPMENT LLC, US
[85] 2014-11-12
[86] 2013-06-24 (PCT/US2013/047241)
[87] (WO2014/011384)
[30] US (13/546,806) 2012-07-11

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[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **COUPLER FOR ELECTRIC VEHICLE CHARGING STATION**
[54] **COUPLEUR POUR STATION DE CHARGE DE VEHICULE ELECTRIQUE**
[72] MONTEMAYOR CAVAZOS, MARCEL, MX
[72] RODRIGUEZ NAJERA, GERARDO, MX
[72] HERREJON ALVARADO, EDUARDO, MX
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2014-11-12
[86] 2013-06-28 (PCT/US2013/048490)
[87] (WO2014/004981)
[30] US (13/539,147) 2012-06-29

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[51] **Int.Cl. E21B 25/00 (2006.01)**
[25] EN
[54] **AIR HAMMER CORING APPARATUS AND METHOD**
[54] **APPAREIL DE CAROTTAGE PAR MARTEAU PNEUMATIQUE ET PROCEDE**
[72] LIVINGSTONE, JAMES I., CA
[73] J. I. LIVINGSTONE ENTERPRISES LTD., CA
[86] (2873532)
[87] (2873532)
[22] 2008-01-24
[62] 2,676,350
[30] US (60/886,438) 2007-01-24
[30] US (60/980,994) 2007-10-18

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[13] C
[51] **Int.Cl. B23K 35/36 (2006.01) B23K 35/02 (2006.01)**
[25] EN
[54] **A TUBULAR WELDING WIRE, A WELDING METHOD AND A WELDING SYSTEM**
[54] **FIL DE SOUDAGE TUBULAIRE, PROCEDE DE SOUDAGE ET SYSTEME DE SOUDAGE**
[72] BARHORST, STEVEN, US
[72] AMATA, MARIO, US
[72] PAGANO, KEVIN, US
[73] HOBART BROTHERS COMPANY, US
[85] 2014-11-19
[86] 2013-08-27 (PCT/US2013/056907)
[87] (WO2014/036035)
[30] US (13/596,713) 2012-08-28

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[13] C
[51] **Int.Cl. A61H 3/00 (2006.01) A45B 9/00 (2006.01) A61H 3/02 (2006.01)**
[25] EN
[54] **FORCE ABSORBING DEVICE**
[54] **DISPOSITIF D'ABSORPTION DE FORCE**
[72] BASHAM, MARSHALL AARON VAUGHN, NZ
[73] BASHAM, MARSHALL AARON VAUGHN, NZ
[85] 2014-11-21
[86] 2012-05-24 (PCT/US2012/039318)
[87] (WO2012/162484)
[30] NZ (593047) 2011-05-24

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[13] C
[51] **Int.Cl. D06F 37/22 (2006.01) D06F 37/04 (2006.01) F16F 15/32 (2006.01)**
[25] EN
[54] **BALANCER, BALANCER HOUSING, WASHING MACHINE HAVING THE SAME AND CONTROL METHOD THEREOF**
[54] **BALANCIER, BOITIER DE BALANCIER, MACHINE A LAVER PRESENTANT CES DERNIERS ET PROCEDE DE COMMANDE DE CES DERNIERS**
[72] CHO, SUNG JIN, KR
[72] BAE, IL SUNG, KR
[72] JO, HA YEON, KR
[72] KIM, MYUNG CHUL, KR
[72] KIM, SUNG JONG, KR
[72] LEE, MOO HYUNG, KR
[72] MYOUNG, KWAN JOO, KR
[72] JO, SE JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-12-03
[86] 2013-06-05 (PCT/KR2013/004943)
[87] (WO2013/183929)
[30] KR (10-2012-0061185) 2012-06-07
[30] KR (10-2012-0124573) 2012-11-06

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[13] C
[51] **Int.Cl. B02C 18/22 (2006.01)**
[25] EN
[54] **SHREDDER WITH SIDE DISCHARGE**
[54] **BROYEUR AYANT UNE EVACUATION LATERALE**
[72] GROSS, THOMAS RAYMOND, US
[73] GROSS, THOMAS RAYMOND, US
[85] 2014-12-09
[86] 2013-06-12 (PCT/US2013/045399)
[87] (WO2013/188531)
[30] US (61/658,431) 2012-06-12
[30] US (13/915,435) 2013-06-11

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[13] C
[51] **Int.Cl. A62C 37/00 (2006.01)**
[25] EN
[54] **POSITIONABLE OUTLET FOR A WATER MONITOR**
[54] **SORTIE ORIENTABLE DE LANCE HYDRAULIQUE**
[72] UHLER, ADAM, US
[73] AKRON BRASS COMPANY, US
[85] 2014-12-12
[86] 2013-06-20 (PCT/US2013/046757)
[87] (WO2014/007993)
[30] US (61/663,526) 2012-06-22
[30] US (13/921,696) 2013-06-19

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[13] C
[51] **Int.Cl. A61K 31/506 (2006.01) A61P 9/00 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING OR PREVENTING VASCULAR PERMEABILITY-RELATED DISEASE CONTAINING IMATINIB OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AS ACTIVE INGREDIENT**
[54] **COMPOSITION POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES CAUSEES PAR UNE PERMEABILITE VASCULAIRE, CONTENANT DE L'IMATINIB OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI ENTANT QUE PRINCIPE ACTIF**
[72] SUH, WON HEE, KR
[72] KIM, JI YEON, KR
[73] AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2014-12-16
[86] 2013-06-10 (PCT/KR2013/005068)
[87] (WO2013/191401)
[30] KR (10-2012-0065193) 2012-06-18

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[13] C
[51] **Int.Cl. E21B 7/02 (2006.01) E21B 15/00 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **LONG LATERAL COMPLETION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMPLETION LATERALE LONGUE**
[72] FLUSCHE, MARK J., US
[73] SUPERIOR ENERGY SERVICES - NORTH AMERICAN SERVICES, INC., US
[85] 2014-12-19
[86] 2013-06-20 (PCT/US2013/000153)
[87] (WO2013/191730)
[30] US (13/507,322) 2012-06-21

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[13] C
[51] **Int.Cl. E21B 33/16 (2006.01) E21B 23/08 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MULTI-ZONE CEMENTED FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION CIMENTEE A ZONES MULTIPLES**
[72] ANDERSEN, CLAYTON R., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-01-29
[86] 2013-07-31 (PCT/US2013/053077)
[87] (WO2014/022589)
[30] US (61/677,911) 2012-07-31

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[13] C
[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NOVEL BRAZZEIN MULTIPLE VARIANT OF INCREASED SWEETNESS, AND PRODUCTION METHOD FOR SAME**
[54] **NOUVEAU VARIANT MULTIPLE DE LA BRAZZEINE DE GOUT SUCRE ACCRU ET PROCEDE DE PRODUCTION DUDIT VARIANT**
[72] KONG, KWANG HOON, KR
[72] DO, HYEONDONG, KR
[73] BIOSWEEET CO., LTD., KR
[85] 2015-01-29
[86] 2013-02-01 (PCT/KR2013/000840)
[87] (WO2014/021526)
[30] KR (10-2012-0083473) 2012-07-30

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[13] C
[51] **Int.Cl. C22C 38/14 (2006.01) C22C 38/28 (2006.01) C21D 8/02 (2006.01)**
[25] EN
[54] **STEEL MATERIAL**
[54] **MATERIAU A BASE D'ACIER**
[72] KAWANO, KAORI, JP
[72] TANAKA, YASUAKI, JP
[72] TASAKA, MASAHITO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] TOMIDA, TOSHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-29
[86] 2013-08-21 (PCT/JP2013/072262)
[87] (WO2014/030663)
[30] JP (2012-182710) 2012-08-21

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[13] C
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **METHOD FOR CONTROLLING CELL ACTIVATION, BASE STATION, AND TERMINAL**
[54] **PROCEDE DE COMMANDE D'ACTIVATION DE CELLULE, STATION DE BASE ET TERMINAL**
[72] WANG, FAN, CN
[72] XU, WENYING, CN
[72] MA, XUELI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-01-30
[86] 2012-07-31 (PCT/CN2012/079438)
[87] (WO2014/019142)

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[13] C
[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/04 (2006.01)**
[25] EN
[54] **BINDER FIBER FOR OPTICAL FIBER UNIT**
[54] **FIBRE LIANTE POUR UNITE DE FIBRES OPTIQUES**
[72] TANI, NAOSUKE, JP
[72] KATO, YASUSHI, JP
[72] OKADA, NAOKI, JP
[72] SHIOBARA, SATORU, JP
[72] OHNO, MASASHI, JP
[73] FUJIKURA LTD., JP
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[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING LIQUID FUEL AND GENERATING POWER**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE CARBURANT LIQUIDE ET DE GENERATION D'ENERGIE ELECTRIQUE**
[72] IIJIMA, MASAKI, JP
[72] YOSHIYAMA, RYUJI, JP
[72] HIRAYAMA, HARUAKI, JP
[72] SEIKI, YOSHIO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **STEAM PROVIDING SYSTEM AND CO2 RECOVERY FACILITIES PROVIDED WITH SAME**
[54] **SYSTEME GENERATEUR DE VAPEUR ET INSTALLATIONS DE RECUPERATION DE CO2 L'UTILISANT**
[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
[72] MIYAMOTO, OSAMU, JP
[72] SORIMACHI, YOSHIKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-11
[86] 2013-09-18 (PCT/JP2013/075198)
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[30] US (13/623,491) 2012-09-20

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[25] EN
[54] **DISPOSABLE CAPSULORHEXIS FORCEPS**
[54] **FORCEPS A CAPSULORHEXIS JETABLE**
[72] SCHALLER, PHILIPP, CH
[72] GRUEEBLER, RETO, CH
[73] ALCON RESEARCH, LTD., US
[85] 2015-03-31
[86] 2013-10-24 (PCT/US2013/066575)
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[54] **PRESSURE RELIEF-ASSISTED PACKER**
[54] **GARNITURE ASSISTEE PAR DECHARGE DE PRESSION**
[72] HELMS, LONNIE CARL, US
[72] ACOSTA, FRANK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-16
[86] 2013-09-24 (PCT/US2013/061386)
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[25] EN
[54] **ROLL-OUT CART WITH LID LATCH**
[54] **CHARIOT ROULANT DOTE D'UN LOQUET DE COUVERCLE**
[72] BROKAW, KIM C., US
[73] BROKAW INDUSTRIES, INC., US
[86] (2893143)
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[22] 2015-05-29
[30] US (62/005,690) 2014-05-30
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[25] EN
[54] **OPERATING A HIGH ACCURACY THERMAL ANEMOMETER FLOW METER IN GAS STREAM CONTAINING LIQUID DROPLETS**
[54] **ACTIONNEMENT D'UN DEBITMETRE D'ANEMOMETRE THERMIQUE DE HAUTE PRECISION DANS UN FLUX GAZEUX CONTENANT DES GOUTTELETTES DE LIQUIDE**
[72] KURZ, DANIEL R., US
[72] BURTON, BRUCE B., US
[72] DALLA BETTA, RALPH A., US
[73] LOS ROBLES ADVERTISING, INC., US
[85] 2015-06-02
[86] 2013-12-17 (PCT/US2013/075867)
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[25] EN
[54] **APPARATUS AND METHODS FOR FEEDBACK SENSING IN MULTI-CELL POWER SUPPLIES**
[54] **APPAREIL ET PROCEDES DE DETECTION PAR CONTRE-REACTION DANS DES ALIMENTATIONS ELECTRIQUES A ELEMENTS MULTIPLES**
[72] RASTOGI, MUKUL, US
[72] ERB, DANIEL EDWARD, US
[72] CHEESMAN, EDWARD ALAN, US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-06-25
[86] 2014-01-30 (PCT/US2014/013707)
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[25] EN
[54] **PRE-APPLIED PROTECTIVE JACKETING TO GROOVED INSULATION**
[54] **GAINAGE PROTECTEUR PRE-APPLIQUE A UNE ISOLATION A RAINURES**
[72] WHITAKER, THOMAS, US
[72] MACKINNON, KEVIN J., US
[73] INDUSTRIAL INSULATION GROUP, LLC, US
[86] (2897430)
[87] (2897430)
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[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **IMPROVING RECOVERY FROM A HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURES**
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2897780)
[87] (2897780)
[22] 2013-09-09
[62] 2,826,494

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[51] **Int.Cl. F04D 29/30 (2006.01) F02B 39/00 (2006.01)**
[25] EN
[54] **TURBOCHARGER IMPELLER, METHOD OF MANUFACTURING THE SAME, TURBOCHARGER, AND TURBOCHARGER UNIT**
[54] **IMPULSEUR POUR TURBOCOMPRESSEUR, PROCEDE DE FABRICATION CORRESPONDANT, TURBOCOMPRESSEUR ET UNITE TURBO**
[72] MATSUDA, MASAAKI, JP
[72] TANEDA, YOSHIO, JP
[72] HIROTA, SHUICHI, JP
[72] HARIMA, HIDETOSHI, JP
[72] INOUE, NOBUHIKO, JP
[72] YONEZAWA, KOICHI, JP
[72] TSUKIYAMA, TAKASHI, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-07-16
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[25] EN
[54] **METHOD AND SYSTEM OF AN ULTRASONIC FLOW METER TRANSDUCER ASSEMBLY**
[54] **PROCEDE ET SYSTEME D'ENSEMBLE TRANSDUCTEUR DE DEBITMETRE A ULTRASONS**
[72] STRAUB, HENRY C., JR., US
[72] GREWAL, RANDEEP, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[86] (2899764)
[87] (2899764)
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[54] **METHOD OF PROCESSING A BITUMINOUS FEED**
[54] **PROCEDE DE TRAITEMENT DE CHARGE D'ALIMENTATION DE BITUME**
[72] SPEIRS, BRIAN C., CA
[72] SANTHANAM, PRIYA, US
[72] SKOULIDAS, ANASTASIOS I, CA
[72] CHEN, CHIEN-CHIANG, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[87] (2900391)
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[25] EN
[54] **SYSTEM AND METHOD FOR CHARGING A CAPACITOR USED TO POWER MEASUREMENT-WHILE-DRILLING EQUIPMENT**
[54] **SYSTEME ET PROCEDE DE CHARGE DE CONDENSATEUR SERVANT A UN EQUIPEMENT DE MESURE DE PUISSANCE PENDANT LE FORAGE**
[72] LIU, JILI, CA
[72] PAN, XIA, CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-08-31
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[54] **A METHOD FOR IMPROVING FLUX IN A MEMBRANE BIOREACTOR**
[54] **PROCEDE PERMETTANT D'AMELIORER LE FLUX DANS UN BIOREACTEUR A MEMBRANE**
[72] YOON, SEONG-HOON, US
[72] COLLINS, JOHN H., US
[72] KOPPES, JEROEN A., NL
[72] HUISMAN, INGMAR H., NL
[73] NALCO COMPANY, US
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[87] (2903725)
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[54] **SEPARATION OF CENOSPHERES FROM FLY ASH**
[54] **METHODE DE SEPARATION DE CENOSPHERES PRESENTES DANS LES CENDRES VOLANTES**
[72] RAMME, BRUCE W., US
[72] NOEGEL, JOHN J., US
[72] ROHATGI, PRADEEP K., US
[73] WISCONSIN ELECTRIC POWER COMPANY, US
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[87] (2906427)
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[25] EN
[54] **LIGHTING CONTROL WITH AUTOMATED ACTIVATION PROCESS**
[54] **COMMANDE D'ECLAIRAGE DOTEE D'UN PROCEDE D'ACTIVATION AUTOMATISE**
[72] WAGNER, PHILLIP RYAN, US
[72] STEWART, DOUGLAS ALDRICH, US
[72] DOROGI, MICHAEL JAY, US
[72] BURT, ROBERT, US
[72] SHELTON, CHRISTOPHER SCOTT, US
[73] ABL IP HOLDING LLC, US
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[87] (2908835)
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[30] US (62/064,233) 2014-10-15

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[51] **Int.Cl. G01F 23/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO MEASURE VOLUME FRACTION IN MULTIPHASE FLUIDS**
[54] **SYSTEME ET PROCEDE POUR MESURER UNE FRACTION DE VOLUME DANS DES FLUIDES MULTIPHASES**
[72] SURMAN, CHERYL MARGARET, US
[72] MORRIS, WILLIAM GUY, US
[72] DIERINGER, JON ALBERT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-10-07
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[25] EN
[54] **BIOLOGICAL FLUID SAMPLING DEVICE**
[54] **DISPOSITIF DE PRELEVEMENT D'UN LIQUIDE BIOLOGIQUE**
[72] FLETCHER, GARY D., US
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-10-08
[86] 2014-04-14 (PCT/US2014/033936)
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[51] **Int.Cl. H01M 8/02 (2016.01) H01M 2/02 (2006.01) H01M 2/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING FUEL CELL CASE**
[54] **METHODE DE FABRICATION D'UN BOITIER DE PILE A COMBUSTIBLE**
[72] ITOGA, MICHITARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909852)
[87] (2909852)
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[25] EN
[54] **ORAL FORMULATION FOR THE TREATMENT OF CARDIOVASCULAR DISEASES**
[54] **FORMULATION ORALE POUR LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] MARTIN SANZ, PABLO, ES
[72] URBANO HURTADO, JAVIER, ES
[73] FERRER INTERNACIONAL, S.A., ES
[73] FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (CNIC), ES
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[54] **BROMINE-FACILITATED SYNTHESIS OF FLUORO-SULFUR COMPOUNDS**
[54] **SYNTHESE FACILITEE PAR LE BROME DE COMPOSES DE FLUORO-SOUFRE**
[72] WINTER, ROLF, US
[73] AVANTBIO CORPORATION, US
[86] (2912893)
[87] (2912893)
[22] 2009-06-11
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[30] US (61/153,180) 2009-02-17
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[13] C
[51] **Int.Cl. G02B 3/14 (2006.01) G02C 7/08 (2006.01)**
[25] EN
[54] **FLUID FILLED LENSES AND MECHANISMS OF INFLATION THEREOF**
[54] **LENTILLES REMPLIES DE FLUIDE ET MECANISMES DE GONFLAGE DE CELLES-CI**
[72] SENATORE, DANIEL, US
[72] PETERSON, MATTHEW WALLACE, US
[72] DOWNING, JONATHAN, US
[72] GUPTA, AMITAVA, US
[72] EGAN, WILLIAM, US
[72] NIBAUER, LISA, US
[72] STANGOTA, FRANK, US
[72] DECKER, BRUCE, US
[72] MCGUIRE, THOMAS M., US
[72] SCHNELL, URBAN, CH
[72] HAROUD, KARIM, CH
[72] LOSER, PASCAL, CH
[73] ADLENS BEACON, INC., US
[86] (2913810)
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[62] 2,777,722
[30] US (61/251,819) 2009-10-15
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[51] **Int.Cl. F16H 15/38 (2006.01)**
[25] EN
[54] **TOROIDAL-TYPE STEPLESS TRANSMISSION**
[54] **TRANSMISSION A VARIATION CONTINUE DE TYPE TOROIDAL**
[72] TANAKA, KENICHIRO, JP
[72] IMAI, HIDEYUKI, JP
[72] GOI, TATSUHIKO, JP
[72] ARISAWA, HIDENORI, JP
[72] KAZARI, MASAHIDE, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2015-12-17
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[51] **Int.Cl. A47C 31/00 (2006.01) A01M 1/00 (2006.01) A47C 29/00 (2006.01) A47C 31/10 (2006.01)**
[25] EN
[54] **MATTRESS ENCASEMENT FOR PREVENTING BED BUG ESCAPEMENT VIA A ZIPPER OPENING**
[54] **ENVELOPPE DE MATELAS EMPECHANT LES PUNAISES DES LITS DE S'ECHAPPER GRACE A UNE OUVERTURE PAR FERMETURE A GLISSIERE**
[72] BELL, JAMES, US
[72] CHEN, YUEH-JYH, CN
[72] YEH, CHING-YAO, CN
[73] JAB DISTRIBUTORS, LLC., US
[86] (2916742)
[87] (2916742)
[22] 2008-03-07
[62] 2,829,527
[30] US (60/895,011) 2007-03-15
[30] US (11/756,249) 2007-05-31

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[13] C
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **DISPOSABLE PROTECTIVE BARRIER FOR A HANDLE OF AN INK APPLICATION DEVICE AND METHOD OF USING THE SAME BARRIER FOR TATTOOING OR FOR MAKING PERMANENT MAKE-UP**
[54] **BARRIERE PROTECTRICE JETABLE POUR POIGNEE DE DISPOSITIF D'APPLICATION D'ENCRE ET SON PROCEDE D'UTILISATION POUR LA REALISATION D'UN TATOUAGE OU D'UN MAQUILLAGE PERMANENT**
[72] XIAO, LONG, CN
[73] XIAO, LONG, CN
[85] 2016-01-04
[86] 2014-07-03 (PCT/CN2014/081609)
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[51] **Int.Cl. B65G 7/12 (2006.01) B66F 11/00 (2006.01) F24H 1/18 (2006.01)**
[25] EN
[54] **WATER TANK LIFTING HARNESS AND DRAIN PAN SYSTEM**
[54] **HARNAIS DE LEVAGE DE RESERVOIR D'EAU ET SYSTEME DE BAC D'EVACUATION**
[72] MARSOLAIS, ERIC, CA
[73] MARSOLAIS, ERIC, CA
[86] (2920128)
[87] (2920128)
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[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 5/00 (2015.01) H01Q 9/04 (2006.01) H01Q 9/40 (2006.01) H02M 7/21 (2006.01)**
[25] EN
[54] **RF ENERGY HARVESTER**
[54] **DISPOSITIF DE COLLECTE D'ENERGIE RF**
[72] MITCHESON, PAUL DAVID, GB
[72] LUCYSZYN, STEPAN, GB
[72] RANGEL, MANUEL PINUELA, GB
[72] YATES, DAVID CHRISTOPHER, GB
[73] DRAYSON TECHNOLOGIES (EUROPE) LIMITED, GB
[85] 2016-02-04
[86] 2014-08-08 (PCT/GB2014/052431)
[87] (WO2015/019106)
[30] GB (1314307.8) 2013-08-09

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION APPARATUS AND MOBILE STATION APPARATUS**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION DE BASE ET APPAREIL DE STATION MOBILE**
[72] AKIMOTO, YOSUKE, CN
[72] AIBA, TATSUSHI, CN
[72] YAMADA, SHOHEI, CN
[72] KATSURAGAWA, HIROSHI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[86] (2922380)
[87] (2922380)
[22] 2008-09-24
[62] 2,695,529
[30] JP (2007-249977) 2007-09-26

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[51] **Int.Cl. C21D 9/00 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C22C 38/00 (2006.01) C22C 38/60 (2006.01) C21D 9/46 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING PRESS-MOLDED ARTICLE, AND PRESS-MOLDED ARTICLE**
[54] **PROCEDE POUR FABRIQUER UN ARTICLE MOULE A LA PRESSE, ET ARTICLE MOULE A LA PRESSE**
[72] MURAKAMI, TOSHIO, JP
[72] NAITOU, JUNYA, JP
[72] OKITA, KEISUKE, JP
[72] IKEDA, SHUSHI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2016-03-07
[86] 2013-09-10 (PCT/JP2013/074425)
[87] (WO2015/037059)

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[13] C
[51] **Int.Cl. A01J 5/017 (2006.01)**
[25] EN
[54] **GRIPPER FOR ARRANGING TEAT CUPS ON AN ANIMAL FOR MILKING, ROBOT ARM AND MILKING MACHINE PROVIDED THEREWITH, AND METHOD THEREFOR**
[54] **PINCE POUR DISPOSER DES GOBELETS TRAYEURS SUR UN ANIMAL DE TRAITE, BRAS DE ROBOT ET MACHINE DE TRAITE LA COMPRENANT, ET SON PROCEDE**
[72] BERGHUIS, RAYMOND ROGER, NL
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[54] **PROCEDE POUR LA PREPARATION DE POLYPROPYLENE A PRODUCTIVITE AMELIOREE**
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[72] GLOGER, DIETRICH, AT
[72] HORILL, THOMAS, AT
[72] SANDHOLZER, MARTINA, AT
[72] POTTER, GREGORY, AT
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[54] **METHODE DE PRODUCTION DE POUDRE DE NICKEL**
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[72] ZHANG, JUNHAO, JP
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[72] OZAKI, YOSHITOMO, JP
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[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION D'UN MELANGE D'AVOINE A TENEUR REDUITE EN GLUTEN**
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[73] THE QUAKER OATS COMPANY, US
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[72] TEJEDA, MARCO A., US
[72] STEFFES, MICHAEL J., US
[72] SCHARPING, JAMES A., US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEARNS, JARED M., US
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[54] **DISPOSITIF DE TUYAU A EQUILIBRAGE AUTOMATIQUE ET METHODE DE TRANSFERT DE FLUIDE**
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[54] **COMPOSANT DE MOTEUR A TURBINE A GAZ A PROFIL AERODYNAMIQUE**
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[54] **CONE DE SUPPORT DE TREMIE DE BAC A GRAINS DOTE DE PATTES DE SUPPORT QUI SONT ININTERROMPUES LE LONG DE LEURS LONGUEURS RESPECTIVES ENTRE DES JONCTIONS DU HAUT ET DU BAS**
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[54] **PLANCHE A DECOUPER DOTEE D'UN DISPOSITIF DE SAISIE DES ALIMENTS**
[72] EDWARDS, CLIFF, CA
[72] NATHAN, ROB, CA
[72] CHRISTIE, PAT, CA
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[54] **MACHINE DE RECOLTE DOTEE D'UN ORGANE DE COUPE SEPARABLE D'UN TRACTEUR**
[72] ENNS, JOHN E, CA
[72] JABAL, ARVINDER S., CA
[71] MACDON INDUSTRIES LTD., CA
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[54] **DISPOSITIF DE FIXATION D'UNE SANGLE AVEC UNE BOUCLE AUTOBLOQUANTE SUR UN SOUFFLEUR/ASPIRATEUR ET UN TUYAU ONDULE**
[72] LALIBERTE, WILLIAM W. L., CA
[72] LALIBERTE, DENIS D. L., CA
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[54] **COUPEUR DE CATALYSEURS AUTOMOBILES**
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[54] **SCENARIO DE CHIFFREMENT DE DONNEES AU MOYEN DE CLES SYMETRIQUES**
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[72] SANGARY, NAGULA THARMA, CA
[72] VELUPPILLAI, MAHINTHAN, CA
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[72] SANGARY, NAGULA THARMA, CA
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[54] **APPAREIL DE RAPPEL DE PRISE DE MEDICAMENT FONCTIONNANT AU MOYEN DE DEUX PILES SOLAIRES ET METHODE ASSOCIEE**
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[72] BISSET, DONALD, GB
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[54] **APPAREIL DE CAROTTAGE REMORQUABLE, AUTO PROPULSE**
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[54] **METHODE DE NEUTRALISATION DE BACTERIE DANS L'EAU DURE CONTENANT DU SOUFRE DANS UN CHAUFFE-EAU**
[72] LESAGE, CLAUDE, CA
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[54] **DISPOSITIF ET METHODE DE MESURE DE LA SYMETRIE MOMENT- ENERGIE ABSORBEE**
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[54] **HABIT DE DEMINAGE DOTE D'UN PROTECTEUR DE DOS**
[72] LEVINE, JEFF, CA
[72] HEDGE, CLINT, CA
[72] JEFTIC-STOJANOVSKI, GORDANA, CA
[72] KEOWN, MATTHEW, CA
[72] REDDIN, DAN, CA
[72] SLOBOZIANU, MAGDA, CA
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[54] **NOUVEAUX INHIBITEURS DE PROTEINE KINASE**
[72] LAURENT, ALAIN, CA
[72] ROSE, YANNICK, CA
[72] MORRIS, STEPHEN J., CA
[71] PHARMASCIENCE INC., CA
[22] 2015-09-25
[41] 2017-03-25

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[51] **Int.Cl. F16L 58/00 (2006.01) E21B 17/00 (2006.01) F16L 58/10 (2006.01) F16L 58/18 (2006.01)**
[25] EN
[54] **POLYMER-LINED PIPES AND FITTINGS WITH REPLACEABLE COMPONENTS**
[54] **TUYAUX A REVETEMENT INTERIEUR EN POLYMERE ET RACCORDS A COMPOSANTS REMPLACABLES**
[72] MOON, SOON WON, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-09-21
[41] 2017-03-21

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[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **BITUMEN PRODUCTION FROM SINGLE OR MULTIPLE OIL SAND MINES**
[54] **PRODUCTION DE BITUME A PARTIR D'UNE OU DE PLUSIEURS MINES DE SABLES BITUMINEUX**
[72] SPENCE, JONATHAN, CA
[72] NG, YIN MING SAMSON, CA
[72] SIY, ROBERT, CA
[72] BARA, BARRY, CA
[72] LONG, JUN, CA
[72] REID, KEVIN, CA
[72] LORENTZ, JAMES, CA
[72] HOSKINS, SHANE, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-09-21
[41] 2017-03-21

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[51] **Int.Cl. E04D 13/08 (2006.01)**
[25] EN
[54] **DOWNSPOUT WATER SYSTEM**
[54] **SYSTEME DE TUYAU DE DESCENTE D'EAU**
[72] ELLIS, WILLIAM J., CA
[71] ELLIS, WILLIAM J., CA
[22] 2015-10-08
[41] 2017-03-21
[30] US (14860503) 2015-09-21

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[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01)**
[25] EN
[54] **MOBILE MULTIMEDIA WORKSTATION**
[54] **POSTE DE TRAVAIL MULTIMEDIA MOBILE**
[72] CONSTANTINO, RONALD JAMES, US
[72] PREECE, JAMES ERIC, US
[72] WORZALLA, ROBERT JAMES, US
[71] MYWORLD MEDIASTUDIO INC., US
[22] 2015-10-27
[41] 2017-03-21
[30] US (14/859,947) 2015-09-21
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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 24/00 (2006.01)**
[25] EN
[54] **MOTOR SKILLS WORKOUT APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT AUX APTITUDES MOTRICES**
[72] TORRES, IKY A., US
[71] TORRES, IKY A., US
[22] 2015-12-31
[41] 2017-03-22
[30] US (14/861,661) 2015-09-22

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[51] **Int.Cl. E03B 3/36 (2006.01) B65G 5/00 (2006.01) E02B 3/00 (2006.01)**
[25] EN
[54] **LONG POND WATER MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE L'EAU D'UN LONG ETANG**
[72] SCHAFER, CHARLIE J., US
[71] SCHAFER, CHARLIE J., US
[22] 2016-01-18
[41] 2017-03-24
[30] US (14/864,155) 2015-09-24

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[51] **Int.Cl. A63C 1/32 (2006.01) A43B 5/16 (2006.01) A63C 1/22 (2006.01)**
[25] EN
[54] **SKATE FOR A HOCKEY GOALKEEPER**
[54] **PATINS DESTINES A UN GARDIEN DE BUT DE HOCKEY**
[72] DUBOIS, SEBASTIEN, CA
[72] DESROCHERS, CHARLES-ANTOINE, CA
[72] LEBLANC, ALEXANDRE, CA
[72] HARVEY, GUILLAUME, CA
[72] SEGUIN, ALEXIS, CA
[71] BAUER HOCKEY CORP., CA
[22] 2016-01-28
[41] 2017-03-20
[30] US (62/221,064) 2015-09-20

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[51] **Int.Cl. E04F 11/18 (2006.01)**
[25] EN
[54] **DIRECT-INSERTION BALUSTER CONNECTING DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT DE BALUSTRE A INSERTION DIRECTE**
[72] ZHU, JIANZHONG, CN
[72] GU, JIANMIN, CN
[71] SUZHOU UNI-SOLUTION IMPORT AND EXPORT COMPANY LTD, CN
[22] 2016-02-03
[41] 2017-03-25
[30] CN (201510618598.5) 2015-09-25

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[51] **Int.Cl. F17C 7/00 (2006.01) F17C 13/02 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A HYDROGEN DISPENSING UNIT**
[54] **METHODE D'UTILISATION D'UN MODULE DE DISTRIBUTION D'HYDROGENE**
[72] YOULIO, ANDREW MARC, US
[72] COHEN, JOSEPH PERRY, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-02-02
[41] 2017-03-21
[30] US (62/221,425) 2015-09-21
[30] US (62,245,007) 2015-10-22

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[51] **Int.Cl. H04W 84/18 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **ACTIVE PROXIMITY BASED WIRELESS NETWORK COMMISSIONING**
[54] **PROXIMITE ACTIVE FONDEE SUR LA MISE EN SERVICE D'UN RESEAU SANS FIL**
[72] DOUGLAS, BRUCE A. C., CA
[72] MIHKELSON, GREG, CA
[72] WARNER, STEFAN, CA
[71] OSRAM SYLVANIA INC., US
[22] 2016-03-03
[41] 2017-03-25
[30] US (62/232,756) 2015-09-25
[30] US (15/058,916) 2016-03-02

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[51] **Int.Cl. H04L 12/721 (2013.01) H04W 40/02 (2009.01) H04W 40/30 (2009.01) H04L 12/751 (2013.01)**
[25] EN
[54] **ROUTE OPTIMIZATION USING STAR-MESH HYBRID TOPOLOGY IN LOCALIZED DENSE AD-HOC NETWORKS**
[54] **OPTIMISATION DE ROUTE AU MOYEN D'UNE TOPOLOGIE HYBRIDE ETOILE-MAILLE DANS LES RESEAUX AD HOC DENSES LOCALISES**
[72] KO, DAVID, CA
[72] O'HAGAN, LIAM JOHN, CA
[72] TOLISANO, LEO, CA
[72] WARNER, STEFAN, CA
[71] OSRAM SYLVANIA INC., US
[22] 2016-03-03
[41] 2017-03-25
[30] US (62/232,699) 2015-09-25
[30] US (15/058,192) 2016-03-02

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[51] **Int.Cl. H04W 24/00 (2009.01) H04W 40/22 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **WIRELESS MESH NETWORK HEALTH DETERMINATION**
[54] **DETERMINATION DE LA SANTE D'UN RESEAU MAILLE SANS FIL**
[72] DOUGLAS, BRUCE A. C., CA
[72] WARNER, STEFAN, CA
[72] KO, DAVID, CA
[71] OSRAM SYLVANIA INC., US
[22] 2016-03-03
[41] 2017-03-25
[30] US (62/232,773) 2015-09-25
[30] US (15/058,218) 2016-03-02

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[51] **Int.Cl. G01F 23/58 (2006.01) A01G 9/02 (2006.01) A01G 27/00 (2006.01)**
[25] EN
[54] **WATER LEVEL INDICATOR**
[54] **INDICATEUR DE NIVEAU D'EAU**
[72] TCHIRA, HARRY, US
[71] DOTCHI, LLC, US
[22] 2016-03-03
[41] 2017-03-24
[30] US (14/864,362) 2015-09-24

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[51] **Int.Cl. B23D 45/18 (2006.01) A01D 34/73 (2006.01) A01G 23/091 (2006.01)**
[25] EN
[54] **CUTTING DEVICE TOOTH MOUNTING ARRANGEMENT**
[54] **AMENAGEMENT D'INSTALLATION DE DENT DE DISPOSITIF DE COUPE**
[72] DISABATINO, BENJAMIN, CA
[71] DEERE & COMPANY, US
[22] 2016-03-31
[41] 2017-03-22
[30] US (14/861,094) 2015-09-22

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARATION OF AN INTRAOCULAR LENS FOR SUBSEQUENT INSERTION INTO THE EYE OF A PATIENT**
[54] **METHODE ET APPAREIL DE PREPARATION DE LENTILLE INTRAOCULAIRE EN VUE D'UNE INSERTION SUBSEQUENTE DANS L'OEIL D'UN PATIENT**
[72] AHARONI, ELI, IL
[71] VISIONCARE OPHTHALMIC TECHNOLOGIES INC., US
[22] 2016-05-04
[41] 2017-03-24
[30] US (14/863,807) 2015-09-24

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[13] A1
[51] **Int.Cl. B65G 57/28 (2006.01) B65G 57/00 (2006.01)**
[25] EN
[54] **STACKING SYSTEMS FOR STRUCTURAL COMPONENTS**
[54] **SYSTEMES D'EMPILEMENT DE COMPOSANTS STRUCTURAUX**
[72] DION, ROBERT DAVID, US
[72] FLACK, ANDREW DAMON, US
[72] PETTIS, DAVID JOSHUA, US
[71] ASC MACHINE TOOLS, INC., US
[22] 2016-06-14
[41] 2017-03-25
[30] US (62/232,745) 2015-09-25

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[51] **Int.Cl. G08B 19/00 (2006.01) F24F 11/00 (2006.01) G05B 19/042 (2006.01) G08B 17/10 (2006.01) G08B 17/12 (2006.01) G08B 21/12 (2006.01) G08B 21/22 (2006.01)**
[25] EN
[54] **SUPERVISION AND CONTROL METHOD FOR PREVENTING POOR AIR QUALITY AND FIRE AS WELL AS ISSUING AN ALARM OF A DANGEROUS CONDITION**
[54] **METHODE DE SUPERVISION ET CONTROLE SERVANT A PREVENIR LA MAUVAISE QUALITE DE L'AIR ET LE FEU ET A EMETTRE UNE ALARME EN CAS D'ETAT DANGEREUX**
[72] MYLLYMAKI, MATTI, FI
[71] INNOHOME OY, FI
[22] 2016-06-20
[41] 2017-03-21
[30] FI (20155674) 2015-09-21

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[13] A1
[51] **Int.Cl. B64D 37/32 (2006.01) A62C 3/08 (2006.01) B64D 25/00 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **AIRCRAFT NITROGEN GENERATION AND OXYGEN DISTRIBUTION**
[54] **GENERATION D'AZOTE ET DISTRIBUTION D'OXYGENE DANS UN AERONEF**
[72] LOFTIS, RICHARD J., US
[72] ARMATORIO, ANDREW L., US
[72] HART, COLIN W., US
[71] THE BOEING COMPANY, US
[22] 2016-06-20
[41] 2017-03-25
[30] US (14/866619) 2015-09-25

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[13] A1
[51] **Int.Cl. C10G 47/36 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A CATALYTIC STEAM-HYDROCARBON REFORMER**
[54] **METHODE DE FONCTIONNEMENT D'UN REFORMEUR CATALYTIQUE VAPEUR-HYDROCARBURE**
[72] JIN, BO, US
[72] LI, XIANMING JIMMY, US
[72] LUNSFORD, JEREMY CHARLES, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-06-23
[41] 2017-03-21
[30] US (14/859,788) 2015-09-21

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[51] **Int.Cl. A01B 1/08 (2006.01) A01B 1/06 (2006.01)**
[25] EN
[54] **HOES**
[54] **HOUES**
[72] PAWLUSKI, EDMUND A., CA
[71] PAWLUSKI, EDMUND A., CA
[22] 2016-06-30
[41] 2017-03-24

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[13] A1
[51] **Int.Cl. G01J 5/08 (2006.01)**
[25] EN
[54] **TEMPERATURE GUARD SENSOR UNIT**
[54] **MODULE DE DETECTEUR DE PROTECTEUR THERMIQUE**
[72] MYLLYMAKI, MATTI, FI
[71] INNOHOME OY, FI
[22] 2016-07-08
[41] 2017-03-21
[30] FI (20155673) 2015-09-21

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[51] **Int.Cl. A01N 65/36 (2009.01) A01N 25/22 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **CITRUS-BASED ANTIMICROBIAL COMPOSITION**
[54] **COMPOSITION ANTIMICROBIENNE A BASE D'AGRUMES**
[72] METHOT, YVES, CA
[72] ESSLER-GRAVESEN, DIETER, DK
[72] TALBOT, JEAN, CA
[71] BIOSECUR LAB INC., CA
[22] 2016-07-07
[41] 2017-03-21
[30] US (62/221,268) 2015-09-21

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[13] A1
[51] **Int.Cl. G01R 31/327 (2006.01)**
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[54] **ARC FAULT CIRCUIT INTERRUPTER TEST APPARATUS AND METHODS**
[54] **APPAREIL DE TEST D'INTERRUPTEUR DE CIRCUIT SUR DEFAUT D'ARC ET METHODES**
[72] MURAHARI, SAIVARAPRASAD, US
[72] HAO, JACKIE, US
[72] XIONG, TOM, US
[71] EATON CORPORATION, US
[22] 2016-07-18
[41] 2017-03-23
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[51] **Int.Cl. B65D 33/28 (2006.01)**
[25] EN
[54] **DRAWSTRING TRASH BAG**
[54] **SAC-POUBELLE A CORDON**
[72] MOODY, WADE MORGAN, US
[72] COBLER, BRAD A., US
[71] POLY-AMERICA, L.P., US
[22] 2016-07-19
[41] 2017-03-21
[30] US (14/859,414) 2015-09-21

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[13] A1
[51] **Int.Cl. B64D 43/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **AIRPLANE STATUS SYSTEM**
[54] **SYSTEME D'ETAT DE VOL**
[72] HOLDER, BARBARA E., US
[71] THE BOEING COMPANY, US
[22] 2016-08-03
[41] 2017-03-25
[30] US (14/865,794) 2015-09-25

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ADAPTER ASSEMBLY INCLUDING A REMOVABLE TROCAR ASSEMBLY**
[54] **DISPOSITIF ADAPTATEUR COMPORTANT UN MECANISME DE TROCART AMOVIBLE**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2016-08-10
[41] 2017-03-25
[30] US (14/865,602) 2015-09-25

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/064 (2006.01)**
[25] EN
[54] **LOADING UNIT LOCKING COLLAR WITH ROTATIONAL ACTUATED RELEASE**
[54] **COLLIER DE VERROUILLAGE D'UN MODULE DE CHARGEMENT A LIBERATION ACTIVEE DE MANIERE ROTATIVE**
[72] SGROI, ANTHONY, US
[71] COVIDIEN LP, US
[22] 2016-08-10
[41] 2017-03-21
[30] US (14/859,590) 2015-09-21

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SPRING-LOADED GUIDE TO REDUCE VARIATION IN A VOLUMETRIC METER**
[54] **GUIDE A RESSORT SERVANT A REDUIRE LA VARIATION DANS UN COMPTEUR VOLUMETRIQUE**
[72] GARNER, ELIJAH B., US
[72] ARNOLD, MATTHEW DAVID, US
[72] WHITCOMB, DREW M., US
[71] DEERE & COMPANY, US
[22] 2016-08-16
[41] 2017-03-23
[30] US (14/862,560) 2015-09-23

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 1/267 (2006.01)**
[25] EN
[54] **MARKER PLACEMENT**
[54] **POSITIONNEMENT DE MARQUEUR**
[72] KLEIN, EYAL, IL
[72] KEHAT, ISRAEL, IL
[72] KOPEL, EVGENI, IL
[72] NEPOMNIASHCHY, ALEXANDER Y., IL
[72] WEINGARTEN, OREN P., IL
[71] COVIDIEN LP, US
[22] 2016-08-17
[41] 2017-03-24
[30] US (62/232,170) 2015-09-24
[30] US (15/232,982) 2016-08-10

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[13] A1
[51] **Int.Cl. A61F 2/86 (2013.01)**
[25] EN
[54] **OCCLUSIVE DEVICES**
[54] **APPAREILS OCCLUSIFS**
[72] BARDSLEY, EARL, US
[72] RHEE, RICHARD, US
[71] COVIDIEN LP, US
[22] 2016-08-19
[41] 2017-03-23
[30] US (14/862,479) 2015-09-23

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AGRICULTURAL VEHICLE PNEUMATIC DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION PNEUMATIQUE DE VEHICULE AGRICOLE**
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2016-08-22
[41] 2017-03-22
[30] US (14/861,374) 2015-09-22

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[13] A1
[51] **Int.Cl. B29C 53/02 (2006.01) B21D 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BENDING A HOLLOW CORE SHEET USING RODS**
[54] **SYSTEME ET METHODE DE COURBURE D'UNE FEUILLE A AME CREUSE AU MOYEN DE TIGES**
[72] RACINE, MARC-ANDRE, CA
[71] RACINE, MARC-ANDRE, CA
[22] 2016-08-23
[41] 2017-03-23
[30] GB (1516884.2) 2015-09-23

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[13] A1
[51] **Int.Cl. F25J 3/00 (2006.01) B01D 53/22 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR SEPARATING A GAS MIXTURE**
[54] **PROCEDE ET USINE DESTINES A LA SEPARATION D'UN MELANGE DE GAZ**
[72] KLEIN, BERND, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2016-08-26
[41] 2017-03-23
[30] DE (102015012317.3) 2015-09-23

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[13] A1
[51] **Int.Cl. H02M 5/04 (2006.01)**
[25] EN
[54] **VOLTAGE DOUBLING ALTERNATING CURRENT POWER SUPPLY USING ELECTRICITY FROM TWO CIRCUITS WITH TRANSFORMER FOR PHASE CONTROL AND INPUT CIRCUIT ISOLATION**
[54] **ALIMENTATION EN COURANT ALTERNATIF A DOUBLEMENT DE TENSION EMPLOYANT L'ELECTRICITE DE DEUX CIRCUITS ET UN TRANSFORMATEUR POUR LE CONTROLE DE PHASE ET L'ISOLEMENT DE CIRCUIT D'ENTREE**
[72] HOOLE, DUANE WARREN, US
[71] HOOLE, DUANE WARREN, US
[22] 2016-08-25
[41] 2017-03-21
[30] US (14/859,666) 2015-09-21

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[13] A1
[51] **Int.Cl. F16L 58/16 (2006.01) F16L 55/162 (2006.01)**
[25] EN
[54] **METHOD OF LINING PIPE WITH HIGH STRENGTH LINER, HIGH STRENGTH LINER, AND PIPE LINED WITH HIGH STRENGTH LINER**
[54] **METHODE D'HABILLAGE INTERIEUR D'UN TUYAU AU MOYEN D'UNE DOUBLURE HAUTE RESISTANCE, DOUBLURE HAUTE RESISTANCE ET TUYAU HABILLE A L'INTERIEUR D'UNE DOUBLURE HAUTE RESISTANCE**
[72] FREE, CHARLES, US
[72] ZALTSMAN, YEVGENY, US
[72] ABRAHAM, ABU, US
[71] INA ACQUISITION CORP., US
[22] 2016-08-29
[41] 2017-03-22
[30] US (14/861,370) 2015-09-22

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 6/03 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **ADDING A TRACKING SENSOR TO A RIGID TOOL**
[54] **AJOUT D'UN CAPTEUR DE SUIVI A UN OUTIL RIGIDE**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-30
[41] 2017-03-21
[30] US (62/221,367) 2015-09-21
[30] US (15/212,539) 2016-07-18

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[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 18/14 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **CATHETER STABILITY INDICATION**
[54] **INDICATION DE LA STABILITE D'UN CATHETER**
[72] BOTZER, LIOR, IL
[72] PERI, EITAN, IL
[72] BERGER, ABRAHAM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-30
[41] 2017-03-21
[30] US (14/860,021) 2015-09-21

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[13] A1
[51] **Int.Cl. G01V 3/08 (2006.01) A61B 34/20 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **IMMUNITY FROM MAGNETIC DISTURBANCE FOR A MAGNETIC LOCATION TRACKER**
[54] **IMMUNITE DE LA PERTURBATION MAGNETIQUE D'UN APPAREIL DE REPERAGE D'EMPLACEMENT MAGNETIQUE**
[72] BOUMENDIL, ALON, IL
[72] GLINER, VADIM, IL
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-30
[41] 2017-03-21
[30] US (14/859,976) 2015-09-21

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[13] A1
[51] **Int.Cl. A01B 33/02 (2006.01) A01B 35/18 (2006.01) A01B 73/02 (2006.01) A01B 73/04 (2006.01)**
[25] EN
[54] **TILLAGE IMPLEMENT WITH INTRA-WING GANG OFFSET**
[54] **ACCESSOIRE DE LABOURAGE A DECALAGE DE TRAIN INTRA-AILE**
[72] STEINLAGE, DAVID L., US
[72] BECKER, SHAWN J., US
[72] CASPER, ROBERT T., US
[72] BLAUWET, BRYAN D., US
[71] DEERE & COMPANY, US
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[41] 2017-03-23
[30] US (62/222,564) 2015-09-23
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[51] **Int.Cl. G10L 21/0324 (2013.01) H04R 3/00 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE WITH THRESHOLD BASED COMPRESSION AND RELATED DEVICES AND METHODS**
[54] **APPAREIL ELECTRONIQUE A SEUIL FONDE SUR LA COMPRESSION ET APPAREILS ET METHODES ASSOCIES**
[72] NORRIS, JAMES A., US
[71] HARRIS CORPORATION, US
[22] 2016-08-30
[41] 2017-03-23
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[51] **Int.Cl. B65D 19/26 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **NESTABLE PALLETS AND METHODS FOR FORMING THE SAME**
[54] **PALETTES EMPILABLES ET METHODES DE FORMAGE DESDITES PALETTES**
[72] BRUCE, JOHN KEVIN, US
[72] FICKER, PAUL J., US
[71] BUCKHORN INC., US
[22] 2016-08-31
[41] 2017-03-22
[30] US (15/250157) 2016-08-29
[30] US (62/221,953) 2015-09-22

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[51] **Int.Cl. H04L 7/10 (2006.01)**
[25] EN
[54] **METHOD OF SYNCHRONIZING A FOUNTAIN CODE TRANSMITTING END AND RECEIVING END**
[54] **METHODE DE SYNCHRONISATION D'EXTREMITE D'EMISSION ET D'EXTREMITE DE RECEPTION D'UN CODE FONTAINE**
[72] DOBERSTEIN, KEVIN G., US
[71] MOTOROLA SOLUTIONS, INC., US
[22] 2016-08-31
[41] 2017-03-25
[30] US (14/865,788) 2015-09-25

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[51] **Int.Cl. G01N 1/22 (2006.01) G01R 31/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR MEASURING DISSOLVED GAS AND OIL IMMERSED TRANSFORMER HAVING THE SAME**
[54] **APPAREIL SERVANT A MESURER LE GAZ DISSOUT ET TRANSFORMATEUR IMMERGE DANS L'HUILE COMPORTANT LEDIT APPAREIL**
[72] KIM, JUNG HAN, KR
[72] LEE, BYEONG HO, KR
[72] HUR, YOUNG KEUN, KR
[72] MIN, BYOUNG WOON, KR
[71] HYUNDAI HEAVY INDUSTRIES CO., LTD., KR
[22] 2016-08-31
[41] 2017-03-25
[30] KR (10-2015-0136352) 2015-09-25

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[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/28 (2006.01) A61J 1/06 (2006.01) A61J 1/20 (2006.01) A61L 24/06 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR MANUALLY OPENING GLASS AMPULES AND A CEMENTING DEVICE**
[54] **UN DISPOSITIF ET UNE METHODE D'OUVERTURE MANUELLE D'AMPOULE DE VERRE ET UN DISPOSITIF DE CIMENTATION**
[72] VOGT, SEBASTIAN, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-09-02
[41] 2017-03-25
[30] DE (10 2015 116 245.8) 2015-09-25

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[25] EN
[54] **SYSTEMS AND METHODS FOR MECHANICALLY BINDING LOOSE SCRAP**
[54] **SYSTEMES ET METHODES DE LIAISON MECANIQUE DE REBUTS EN VRAC**
[72] BAKER, JOHN WAYNE, US
[72] CHARBONNEAU, MARK WILLIAM, US
[71] JOHNS MANVILLE, US
[22] 2016-09-01
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 5/05 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ABLATION CURRENT MEASUREMENT**
[54] **MESURE DE COURANT D'ABLATION**
[72] LEVIN, MICHAEL, IL
[72] REUVENI, AVI, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-09-01
[41] 2017-03-21
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[51] **Int.Cl. C22B 3/20 (2006.01) C01C 3/10 (2006.01) C01G 5/00 (2006.01) C01G 7/00 (2006.01) C22B 3/12 (2006.01) C22B 11/08 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING CYANIDE FROM A BARREN SOLUTION**
[54] **METHODE DE RECUPERATION DE CYANURE D'UNE SOLUTION STERILE**
[72] BANERJEE, KASHI, US
[72] BUISSON, HERVE, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[22] 2016-09-08
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[51] **Int.Cl. B64D 29/06 (2006.01) B64C 7/02 (2006.01) B64D 27/14 (2006.01) B64D 27/26 (2006.01) B64D 29/04 (2006.01)**
[25] EN
[54] **AFT ENGINE FOR AN AIRCRAFT**
[54] **MOTEUR ARRIERE D'UN AERONEF**
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] MARRINAN, PATRICK MICHAEL, US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-08
[41] 2017-03-21
[30] US (14/859,514) 2015-09-21

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 27/04 (2006.01) B64C 27/12 (2006.01)**
[25] FR
[54] **ROTATION SPEED REGULATION DEVICE FOR THE ROTOR OF A ROTORCRAFT, ROTORCRAFT EQUIPPED WITH SUCH A DEVICE AND ASSOCIATED REGULATION METHOD**
[54] **DISPOSITIF DE REGULATION DE LA VITESSE DE ROTATION D'UN ROTOR DE GIRAVION, GIRAVION EQUIPE D'UN TEL DISPOSITIF ET METHODE DE REGULATION ASSOCIEE**
[72] VALLART, JEAN-BAPTISTE, FR
[72] TAHERI, SETAREH, FR
[72] CERTAIN, NICOLAS, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2016-09-07
[41] 2017-03-25
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[51] **Int.Cl. B65C 9/18 (2006.01) B65C 9/00 (2006.01) B65C 9/08 (2006.01)**
[25] EN
[54] **MANUFACTURING DEVICE OF LAMINATED LABEL BODY**
[54] **DISPOSITIF DE FABRICATION DE CORPS D'ETIQUETTE LAMELLE**
[72] TOMAKI, HITOSHI, JP
[72] SAGA, TOSHIHIRO, JP
[72] FUJIWARA, REISHI, JP
[72] FUJIKAWA, MITSURU, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[71] NISHIKAWA COMMUNICATIONS CO., LTD., JP
[22] 2016-09-08
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[51] **Int.Cl. G08B 29/24 (2006.01) H04W 84/18 (2009.01) G08B 19/00 (2006.01) G08B 29/04 (2006.01)**
[25] EN
[54] **FAST REPLACEMENT Z-WAVE DEVICE IN HOME AUTOMATION**
[54] **DISPOSITIF A ONDE Z A REMPLACEMENT RAPIDE DESTINE A LA DOMOTIQUE**
[72] LU, MING HONG, US
[72] GONG, ZION, US
[72] HUANG, KEVIN YONG, US
[71] HONEYWELL INTERNATIONAL INC., US
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[30] US (14/859,576) 2015-09-21

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[51] **Int.Cl. F25B 49/02 (2006.01) F25B 6/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANAGING LUBRICANT LEVELS IN TANDEM COMPRESSOR ASSEMBLIES OF AN HVAC SYSTEM**
[54] **SYSTEME DE GESTION DES NIVEAUX DE LUBRIFIANT DANS LES ASSEMBLAGES DE COMPRESSEUR EN TANDEM D'UN SYSTEME CVCA**
[72] MACKEY, DAVID, US
[72] HUNG, DER-KAI, US
[72] HIM, AYLAN, US
[72] LIN, HONG, US
[71] LENNOX INDUSTRIES INC., US
[22] 2016-09-09
[41] 2017-03-21
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[51] **Int.Cl. E04B 1/94 (2006.01) C08L 3/02 (2006.01) C08L 91/06 (2006.01) C08L 97/02 (2006.01) E04C 3/12 (2006.01)**
[25] EN
[54] **BUILDING PRODUCTS WITH FIRE-RESISTANT CLADDINGS**
[54] **PRODUITS DE CONSTRUCTION A REVETEMENTS RESISTANTS AU FEU**
[72] DIMAKIS, ALKIVIADIS GEORGE, US
[72] BJORKMAN, TRAVIS J., US
[72] ROBAK, GLEN, US
[72] WINTEROWD, JACK G., US
[72] PARKER, ERIK M., US
[72] RIEGER, DERIK, US
[71] WEYERHAEUSER NR COMPANY, US
[22] 2016-09-09
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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD PROVIDING A GAMING TOURNAMENT HAVING A VARIABLE AVERAGE EXPECTED POINT PAYOUT**
[54] **SYSTEME DE JEU ET METHODE DE PRESENTATION D'UN TOURNOI DE JEU COMPORTANT UNE REMISE EN POINT ATTENDUE MOYENNE VARIABLE**
[72] LARK, DAVID R., US
[72] HOLSCLAW, BENJAMIN R., US
[72] BROWN, BRADFORD, US
[72] PAPSON, RONALD P., US
[72] RUYMANN, ROBERT W., US
[71] IGT, US
[22] 2016-09-09
[41] 2017-03-23
[30] US (14/862,914) 2015-09-23

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[13] A1
[51] **Int.Cl. B65B 51/06 (2006.01)**
[25] EN
[54] **DEVICE FOR SEALING A BAG WITH TAMPER EVIDENT LABELING**
[54] **DISPOSITIF DE SCELLEMENT D'UN SAC AU MOYEN D'UNE ETIQUETTE INVIOLABLE**
[72] DESANTI, WILLIAM, US
[71] BEN CLEMENTS & SONS, INC., US
[22] 2016-09-09
[41] 2017-03-25
[30] US (62/233,199) 2015-09-25

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[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/10 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD FOR UTILIZING A MOBILE DEVICE TO FUND A GAMING SESSION**
[54] **SYSTEME DE JEU ET METHODE D'UTILISATION D'UN APPAREIL MOBILE POUR FINANCER UNE SESSION DE JEU**
[72] PETERSEN, ERIK B., US
[72] HIGGINS, KEVIN M., US
[72] NELSON, DWAYNE R., US
[72] LEMAY, STEVEN G., US
[72] DAVIS, DWAYNE A., US
[72] KLEPPEN, DENNIS T., US
[72] COCKERILLE, WARNER R., US
[72] VASQUEZ, JAMES A., US
[72] BOUDREAU, BRADLEY, US
[72] COCKERILLE, SUZANNE, US
[72] ESPIN, MARK A., US
[72] HOLLIBAUGH, LARRY R., US
[71] IGT, US
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[41] 2017-03-25
[30] US (62/232,917) 2015-09-25
[30] US (15/254,760) 2016-09-01

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[51] **Int.Cl. G01N 27/12 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **HYDROGEN DETECTOR AND HYDROGEN DETECTION METHOD**
[54] **DETECTEUR D'HYDROGENE ET METHODE DE DETECTION D'HYDROGENE**
[72] REFAI-AHMED, GAMAL, US
[72] ROBINSON, DAVID PETER, GB
[71] GENERAL ELECTRIC COMAPANY, US
[22] 2016-09-15
[41] 2017-03-25
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[13] A1
[51] **Int.Cl. B64C 7/02 (2006.01)**
[25] EN
[54] **AFT ENGINE NACELLE SHAPE FOR AN AIRCRAFT**
[54] **FORME DE NACELLE A MOTEUR ARRIERE DESTINEE A UN AERONEF**
[72] MARRINAN, PATRICK MICHAEL, US
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] YAO, JIXIAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. B64D 27/20 (2006.01) B64D 29/04 (2006.01) B64D 33/02 (2006.01)**
[25] EN
[54] **NON-AXIS SYMMETRIC AFT ENGINE**
[54] **MOTEUR ARRIERE NON SYMETRIQUE PAR RAPPORT A L'AXE**
[72] MARRINAN, PATRICK MICHAEL, US
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] YAO, JIXIAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **NOZZLE AND NOZZLE ASSEMBLY FOR GAS TURBINE ENGINE**
[54] **BUSE ET MECANISME DE BUSE DESTINES A UNE TURBINE A GAZ**
[72] RUTHEMEYER, MICHAEL ANTHONY, US
[72] ALBRECHT, RICHARD WILLIAM, JR., US
[72] SENILE, DARRELL GLENN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-15
[41] 2017-03-23
[30] US (14/862,330) 2015-09-23

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[51] **Int.Cl. B64D 27/14 (2006.01) B64D 29/04 (2006.01)**
[25] EN
[54] **AIRCRAFT HAVING AN AFT ENGINE**
[54] **AERONEF EQUIPE D'UN MOTEUR ARRIERE**
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] YAO, JIXIAN, US
[72] MARRINAN, PATRICK MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02C 7/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **TURBINE SNAP IN SPRING SEAL**
[54] **JOINT A RESSORT ENCLENCHE POUR TURBINE**
[72] BROOMER, MARK, US
[72] SEVINCER, EDIP, US
[72] MARIN, ANTHONY CHRISTOPHER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-15
[41] 2017-03-24
[30] US (14/864,221) 2015-09-24

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[13] A1
[51] **Int.Cl. F16H 57/021 (2012.01) F16C 19/22 (2006.01) F16C 33/48 (2006.01)**
[25] EN
[54] **PLANET GEARBOX WITH CYLINDRICAL ROLLER BEARING WITH HIGH DENSITY ROLLER PACKING**
[54] **ENGRENAGE PLANETAIRE DOTE D'UN PALIER A ROULEMENT CYLINDRIQUE A HAUTE DENSITE DE ROULEAUX**
[72] HASTING, WILLIAM HOWARD, US
[72] BRADLEY, DONALD ALBERT, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMAPANY, US
[22] 2016-09-15
[41] 2017-03-25
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[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **OCCLUSIVE DEVICES**
[54] **APPAREILS OCCLUSIFS**
[72] RHEE, RICHARD, US
[72] BARDSLEY, EARL, US
[71] COVIDIEN LP, US
[22] 2016-09-14
[41] 2017-03-23
[30] US (14/862,522) 2015-09-23

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[13] A1
[51] **Int.Cl. H04M 3/493 (2006.01) H04M 1/50 (2006.01) H04M 3/527 (2006.01)**
[25] EN
[54] **ADJUSTABLE DUAL-TONE MULTI-FREQUENCY PHONE SYSTEM**
[54] **SYSTEME TELEPHONIQUE MULTIFREQUENCE MULTITONALITE REGLABLE**
[72] CASASOLA, JOSE, US
[71] WAL-MART STORES, INC., US
[22] 2016-09-15
[41] 2017-03-21
[30] US (62/221,416) 2015-09-21

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[13] A1
[51] **Int.Cl. H04M 3/493 (2006.01) H04M 3/22 (2006.01)**
[25] EN
[54] **ADJUSTABLE INTERACTIVE VOICE RESPONSE SYSTEM**
[54] **SYSTEME DE REPONSE VOCALE INTERACTIF REGLABLE**
[72] CASASOLA, JOSE, US
[72] RAGSDALE, JOHN, US
[71] WAL-MART STORES, INC., US
[22] 2016-09-15
[41] 2017-03-21
[30] US (62/221,419) 2015-09-21

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[13] A1
[51] **Int.Cl. E21B 47/008 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ASSESSING PRODUCTIVITY OF A BEAM PUMPED HYDROCARBON PRODUCING WELL**
[54] **METHODES ET SYSTEMES D'EVALUATION DE LA PRODUCTIVITE D'UN PUITS DE PRODUCTION D'HYDROCARBURE A POMPE A BALANCIER**
[72] O'REILLY, DANIEL IAN, US
[72] FLETT, MATTHEW ALEXANDER, AU
[71] CHEVRON AUSTRALIA PTY LTD, AU
[22] 2016-09-14
[41] 2017-03-22
[30] US (14/860750) 2015-09-22

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD FOR AUTOMATICALLY TRANSFERRING FUNDS TO A MOBILE DEVICE**
[54] **SYSTEME DE JEU ET METHODE DE TRANSFERT AUTOMATIQUE DE FONDS VERS UN APPAREIL MOBILE**
[72] NELSON, DWAYNE R., US
[71] IGT, US
[22] 2016-09-14
[41] 2017-03-25
[30] US (62/232,917) 2015-09-25
[30] US (15/189,595) 2016-06-22

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[13] A1
[51] **Int.Cl. B23D 47/00 (2006.01) B23D 45/04 (2006.01)**
[25] EN
[54] **TILE SAW**
[54] **SCIE A CARREAUX**
[72] TENNANT, C. SCOTT, US
[72] HART, MICHAEL, US
[72] DUTTERER, DAVID, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-09-15
[41] 2017-03-21
[30] US (14/859,409) 2015-09-21

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[13] A1
[51] **Int.Cl. B05D 1/12 (2006.01) B05C 19/04 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR COATING WELDED PIPE JOINTS**
[54] **APPAREIL SERVANT A ENVELOPPER LES JOINTS DE TUYAUX SOUDES**
[72] GUNN, DONALD OWEN, CA
[72] GUNN, DANIEL OWEN, CA
[72] COLE, CARL, CA
[72] BEAUDRY, KARRIE ALBERT DEE, CA
[71] KEYMAY INDUSTRIES LTD., CA
[22] 2016-09-15
[41] 2017-03-25
[30] US (62/232,749) 2015-09-25

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[13] A1
[51] **Int.Cl. G01R 35/04 (2006.01) H02H 3/00 (2006.01)**
[25] EN
[54] **ELECTRIC METER AND CONTACT ARCING DETECTOR, AND ARCING DETECTOR THEREFOR**
[54] **COMPTEUR ELECTRIQUE ET DETECTEUR D'ARC ENTRE LES CONTACTS, ET DETECTEUR D'ARC ASSOCIE**
[72] LAWTON, THOMAS ALAN, US
[72] AMATO, RALPH NICOLAS, US
[72] HEWITT, RICHARD HUGHES, US
[71] ADVENT DESIGN CORPORATION, DOING BUSINESS AS TESCO - THE EASTERN SPECIALTY COMPANY, US
[22] 2016-09-15
[41] 2017-03-21
[30] US (62/221160) 2015-09-21
[30] US (15/013631) 2016-02-02
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[13] A1
[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PICKING UP ANIMAL WASTE**
[54] **DISPOSITIF DE RAMASSAGE DE DEJECTIONS ANIMALES**
[72] WAWRZYNOWSKI, MICHAEL, US
[71] WAWRZYNOWSKI, MICHAEL, US
[22] 2016-09-16
[41] 2017-03-24
[30] US (14/863,450) 2015-09-24

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[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) E21B 43/295 (2006.01)**
[25] EN
[54] **AFT ENGINE FOR AN AIRCRAFT**
[54] **MOTEUR ARRIERE D'UN AERONEF**
[72] MARRINAN, PATRICK MICHAEL, US
[72] MURROW, KURT DAVID, US
[72] BECKER, THOMAS LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-19
[41] 2017-03-21
[30] US (14/859,523) 2015-09-21

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[13] A1
[51] **Int.Cl. E06B 1/30 (2006.01)**
[25] EN
[54] **ONE PIECE WINDOW REINFORCEMENT FOR WINDOW FRAME ASSEMBLY**
[54] **RENFORT DE FENETRE MONOBLOC DESTINE A UN CADRE DE FENETRE**
[72] SAUNDERS, MELVIN, US
[71] MILGARD MANUFACTURING INCORPORATED, US
[22] 2016-09-19
[41] 2017-03-22
[30] US (62/221,898) 2015-09-22

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01) A61J 7/04 (2006.01)**
[25] EN
[54] **MONITORING AND TREATMENT DOSAGE PREDICTION SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET PREDICTION DE DOSE DE MEDICAMENT**
[72] HOGLUND, JONAS, SE
[72] JOHANSSON, HENRIK, SE
[72] MBANEFO, PRIMROSE, GB
[72] O'KANE, MATTHEW, GB
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
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[25] EN
[54] **UNDERWATER 3D IMAGE RECONSTRUCTION UTILIZING TRIPLE WAVELENGTH DISPERSION AND CAMERA SYSTEM THEREOF**
[54] **RECONSTRUCTION D'IMAGE 3D SOUS-MARINE AU MOYEN DE LA DISPERSION A TROIS LONGUEURS D'ONDE ET SYSTEME DE CAMERA ASSOCIE**
[72] YANG, HERBERT, CA
[72] CHEN, XIDA, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2016-09-19
[41] 2017-03-22
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[51] **Int.Cl. G01R 31/02 (2006.01) H01R 24/00 (2011.01)**
[25] EN
[54] **A TEST CAP FOR A CABLE**
[54] **UN EMBOUT DE TEST DESTINE A UN CABLE**
[72] ROSENBERG, AVIGDOR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-09-19
[41] 2017-03-21
[30] US (14/860,060) 2015-09-21

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[51] **Int.Cl. H03B 5/00 (2006.01) H03F 3/217 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE, HIGH EFFICIENCY SINE WAVE GENERATOR WITH PRE-SET FREQUENCY AND ADJUSTABLE AMPLITUDE**
[54] **GENERATEUR D'ONDE SINUSOIDALE HAUTE TENSION, HAUTE EFFICACITE A FREQUENCE PREREGLEE ET AMPLITUDE REGLABLE**
[72] WASSERMAN, YORAM, IL
[72] LANGERMAN, EDWARD, IL
[72] SHTOTLAND, MIKHAIL, IL
[72] KIRILLOV, SERGEI, IL
[72] KRINITSKY, MICHAEL, IL
[72] KAIKOV, VICTOR, IL
[71] NOVOCURE LIMITED, JE
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[41] 2017-03-25
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[54] **CHEERLEADING STUNT PRACTICE DEVICE**
[54] **DISPOSITIF DE PRATIQUE DE CASCADE DE MENEUSE DE CLAQUE**
[72] MASON, JASON C., US
[71] MASON, JASON C., US
[22] 2016-09-20
[41] 2017-03-22
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[25] EN
[54] **SPIRAL SLICER**
[54] **APPAREIL DE COUPE EN SPIRALE**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2016-09-19
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[51] **Int.Cl. A01C 7/00 (2006.01) A01B 71/00 (2006.01) B65G 67/08 (2006.01)**
[25] EN
[54] **AGRICULTURAL VEHICLE CONVEYANCE LINKAGE**
[54] **LIEN DE TRANSPORT DE VEHICULE AGRICOLE**
[72] PIKESH, DERRYN W., US
[72] KILLEN, DALE H., US
[71] DEERE & COMPANY, US
[22] 2016-09-20
[41] 2017-03-21
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[51] **Int.Cl. A61B 5/107 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COLLECTION OF FOOT GEOMETRY DATA**
[54] **METHODE ET SYSTEME DE COLLECTE DE DONNEES DE LA GEOMETRIE DU PIED**
[72] WARD, ERIC, US
[71] THE FOOT FOUNDATION, US
[22] 2016-09-21
[41] 2017-03-21
[30] US (15/271,442) 2015-09-21
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[51] **Int.Cl. E21B 19/14 (2006.01)**
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[54] **LOADING DRILL RODS FROM CASSETTE TO DRILLING POSITION**
[54] **CHARGEMENT DE TIGES DE FORAGE DE LA CASSETTE A LA POSITION DE FORAGE**
[72] CHOMOKOVSKI, STEVE, CA
[72] LETKEMAN, JORDAN, CA
[71] SANDVIK CANADA INC., CA
[22] 2016-09-20
[41] 2017-03-24
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[51] **Int.Cl. B65D 90/54 (2006.01) B61D 5/00 (2006.01)**
[25] EN
[54] **BOTTOM OUTLET VALVE REMOVABLE INDEPENDENT STEAM JACKET**
[54] **CHEMISE A VAPEUR INDEPENDANTE AMOVIBLE A VANNE DE SORTIE AU BAS**
[72] DOUGLAS, PETER J., US
[72] WALTER, GARY C., US
[72] PEREZ, JOE, US
[72] SCHULTZ, JONATHAN, US
[72] CHILTON, NATHAN, US
[72] PELTASON, KEITH, US
[71] UNION TANK CAR COMPANY, US
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[51] **Int.Cl. A61H 23/00 (2006.01) A61H 23/06 (2006.01)**
[25] EN
[54] **FASCIA MANIPULATION DEVICE AND METHOD**
[54] **DISPOSITIF DE MANIPULATION DE FASCIA ET METHODE**
[72] BABIUK, CRAIG, CA
[71] BABIUK, CRAIG, CA
[22] 2016-09-21
[41] 2017-03-25
[30] CA (2905170) 2015-09-25
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[51] **Int.Cl. B07B 1/46 (2006.01)**
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[54] **SCREENING SYSTEM FOR PORTABLE VIBRATORY MACHINE**
[54] **SYSTEME DE TAMIS DESTINE A UNE MACHINE VIBRATOIRE PORTATIVE**
[72] FREISSLE, PETER HELMUT FRANZ, US
[72] WEAVER, MARK VINCENT, US
[71] POLYDECK SCREEN CORPORATION, US
[22] 2016-09-21
[41] 2017-03-21
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[51] **Int.Cl. G05B 19/042 (2006.01) G09G 3/22 (2006.01) H04B 7/24 (2006.01) G08B 7/00 (2006.01)**
[25] EN
[54] **SMART ATTEND LIGHT SYSTEM**
[54] **SYSTEME DE VOYANT INTELLIGENT**
[72] RIZZO, PERRY, CA
[72] PATHMANATHAN, ANANTH, CA
[71] AXIOM GROUP INC., CA
[22] 2016-09-20
[41] 2017-03-25
[30] US (62/232670) 2015-09-25

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[51] **Int.Cl. G08G 1/0968 (2006.01) G08G 1/133 (2006.01) G08G 1/137 (2006.01)**
[25] EN
[54] **SYNTHETIC DATA COLLECTION FOR VEHICLE CONTROLLER**
[54] **COLLECTE DE DONNEES SYNTHETIQUES DE CONTROLEUR DE VEHICULE**
[72] LONG, CODY, US
[71] CLEVER DEVICES LTD., US
[22] 2016-09-21
[41] 2017-03-22
[30] US (14/861,317) 2015-09-22

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[25] EN
[54] **LATERALLY MOVABLE HITCH ASSEMBLY FOR A TRACTOR**
[54] **ASSEMBLAGE D'ATTELAGE A MOUVEMENT LATERAL DESTINE A UN TRACTEUR**
[72] CUNNINGHAM, PAUL HUGH, CA
[72] PLETT, SAMUEL JOHN, CA
[72] THIESSEN, BERNIE, CA
[71] MERIDIAN MANUFACTURING INC., CA
[22] 2016-09-21
[41] 2017-03-21
[30] US (62/221464) 2015-09-21

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[51] **Int.Cl. E05F 11/34 (2006.01) E05D 13/00 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **ARTICULATED OVERHEAD DOOR SYSTEMS AND METHODS**
[54] **SYSTEMES DE PORTE BASCULANTE ARTICULEE ET METHODES**
[72] MORRIS, RICHARD P., CA
[72] BETTS, KENNETH H., CA
[72] WILLIAMS, HOWARD J., US
[71] EMEH, INC., US
[22] 2016-09-21
[41] 2017-03-21
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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/549 (2006.01)**
[25] EN
[54] **N-[2-(3-AMINO-2,5-DIMETHYL-1,1-DIOXIDO-5,6-DIHYDRO-2H-1,2,4-THIADIAZIN-5-YL)-1,3-THIAZOL-4-YL] AMIDES**
[54] **AMIDES N-[2-(3-AMINO-2,5-DIMETHYL-1,1-DIOXIDO-5,6-DIHYDRO-2H-1,2,4-THIADIAZIN-5-YL)-1,3-THIAZOL-4-YL]**
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] O'NEILL, BRIAN THOMAS, US
[72] SALOMON FERRER, ROMELIA DEL CARMEN, US
[72] VERHOEST, PATRICK ROBERT, US
[72] ZHANG, LEI, US
[71] PFIZER INC., US
[22] 2016-09-21
[41] 2017-03-24
[30] US (62/222,986) 2015-09-24

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[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **N-[2-(2-AMINO-6,6-DISUBSTITUTED-4,4A,5,6-TETRAHYDROPYRANO[3,4-D][1,3]THIAZIN-8A(8H)-YL)-1,3-THIAZOL-4-YL] AMIDES**
[54] **AMIDES N-[2-(2-AMINO-6,6-DISUBSTITUES-4,4A,5,6-TETRAHYDROPYRANO[3,4-D][1,3]THIAZIN-8A(8H)-YL)-1,3-THIAZOL-4-YL]**
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] ZHANG, LEI, US
[72] O'NEILL, BRIAN THOMAS, US
[72] VERHOEST, PATRICK ROBERT, US
[72] MIKOCHIK, PETER JUSTIN, US
[72] MURRAY, JOHN CHARLES, US
[72] HOU, XINJUN, US
[71] PFIZER INC., US
[22] 2016-09-21
[41] 2017-03-24
[30] US (62/232,037) 2015-09-24

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61K 31/553 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **N-(2-(2-AMINO-6-SUBSTITUTED-4,4A,5,6-TETRAHYDROPYRANO[3,4-D][1,3]OXAZIN-8A(8H)-YL)-THIAZOL-4-YL) AMIDES**
[54] **AMINES N-(2-(2-AMINO-6-SUBSTITUES-4,4A,5,6-TETRAHYDROPYRANO[3,4-D][1,3]OXAZIN-8A(8H)-YL)-THIAZOL-4-YL)**
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] O'NEILL, BRIAN THOMAS, US
[72] ZHANG, LEI, US
[71] PFIZER INC., US
[22] 2016-09-21
[41] 2017-03-24
[30] US (62/232,004) 2015-09-24
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[13] A1
[51] **Int.Cl. G02B 5/20 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **POLARISATION-PRESERVING FILTER FOR A DUAL-POLARISED WAVEGUIDE**
[54] **FILTRE PRESERVANT LA POLARISATION DESTINE A UN GUIDE D'ONDE A DOUBLE POLARISATION**
[72] SCHNEIDER, MICHAEL, DE
[72] SZYMKIEWICZ, MICHAEL, DE
[71] AIRBUS DS GMBH, DE
[22] 2016-09-20
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[51] **Int.Cl. F21S 10/04 (2006.01) F21V 9/00 (2015.01)**
[25] EN
[54] **MULTIPLE LIGHT SOURCE ARTIFICAL MOVING FLAME**
[54] **FLAMME A MOUVEMENT ARTIFICIEL A SOURCES LUMINEUSES MULTIPLES**
[72] BENTLEY, ROGER DONN, US
[72] MCCAVIT, KIM IRWIN, US
[72] JENSEN, BRADFORD BRIAN, US
[71] JENESIS INTERNATIONAL INC., US
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[41] 2017-03-23
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[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/06 (2006.01)**
[25] EN
[54] **HELMET**
[54] **CASQUE**
[72] DUROCHER, JACQUES, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[71] BAUER HOCKEY CORP., CA
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[51] **Int.Cl. H04N 21/242 (2011.01) H04N 21/44 (2011.01) H04N 19/50 (2014.01) H04L 12/18 (2006.01)**
[25] EN
[54] **COORDINATING CONTENT SEGMENTATION**
[54] **COORDINATION DE SEGMENTATION DE CONTENU**
[72] FLIAM, RICHARD, US
[72] YOUNG, COBY, US
[72] KIOK, JOSEPH, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-09-20
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[30] US (14/865,356) 2015-09-25

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/01 (2006.01)**
[25] FR
[54] **THREE DIMENSIONAL SIMULATION SYSTEM CAPABLE OF CREATING A VIRTUAL ENVIRONMENT UNITING A PLURALITY OF USERS, AND ASSOCIATED PROCESS**
[54] **SYSTEME DE SIMULATION TRIDIMENSIONNELLE VIRTUELLE PROPRE A ENGENDRER UN ENVIRONNEMENT VIRTUEL REUNISSANT UNE PLURALITE D'UTILISATEURS ET PROCEDE ASSOCIE**
[72] FAIN, IGOR, FR
[72] KURDIJIAN, PATRICE, FR
[71] DASSAULT AVIATION, FR
[22] 2016-09-20
[41] 2017-03-24
[30] FR (15 01 977) 2015-09-24

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[51] **Int.Cl. F16H 3/62 (2006.01)**
[25] EN
[54] **DOUBLE ROW CYLINDRICAL ROLLER BEARING WITH HIGH LENGTH TO DIAMETER RATIO ROLLERS**
[54] **ROULEMENT A ROULEAUX CYLINDRIQUES A DOUBLE RANGEE A RAPPORT ELEVE DE DIAMETRE A LONGUEUR DES ROULEAUX**
[72] HASTING, WILLIAM HOWARD, US
[72] FISHER, KENNETH LEE, US
[72] BRADLEY, DONALD ALBERT, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-22
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[51] **Int.Cl. E01F 9/692 (2016.01)**
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[54] **WORKSTATION FOR FLAGMAN**
[54] **POSTE DE TRAVAIL DE SIGNALEUR**
[72] DOAK, ROBERT, US
[72] KIRSTEN, BRYAN, US
[71] NOVA CHEMICALS INC., US
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[41] 2017-03-23
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[51] **Int.Cl. H02J 3/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISCHARGING A THYRISTOR-SWITCHED CAPACITOR**
[54] **SYSTEME ET METHODE DE DECHARGE DE CONDENSATEUR COMMUTE PAR THRYRISTOR**
[72] REN, WEI, US
[72] LARSEN, EINAR, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-22
[41] 2017-03-25
[30] US (14/866,620) 2015-09-25
[30] US (14/876,010) 2015-10-06
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[13] A1
[51] **Int.Cl. H04N 21/2387 (2011.01) H04N 21/472 (2011.01) H04N 21/6587 (2011.01)**
[25] EN
[54] **BANDWIDTH LIMITED DYNAMIC FRAME RATE VIDEO TRICK PLAY**
[54] **LECTURE VARIEE DE VIDEO A DEBIT DE CADRES DYNAMIQUE LIMITE EN LARGEUR DE BANDE**
[72] PRUDEN, BENNY J., US
[72] ALLINSON, STEPHEN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-09-21
[41] 2017-03-23
[30] US (14/862,739) 2015-09-23

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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **AUTOMATED ENGINEERING OF BUILDING AUTOMATION SYSTEMS**
[54] **INGENIERIE AUTOMATISEE DE CONSTRUCTION DE SYSTEMES D'AUTOMATISATION**
[72] BAKER, JAN L., US
[71] SIEMENS INDUSTRY, INC., US
[22] 2016-09-22
[41] 2017-03-24
[30] US (14/864,304) 2015-09-24

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[13] A1
[51] **Int.Cl. G06F 3/042 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF POINTER DETECTION FOR INTERACTIVE INPUT**
[54] **SYSTEME ET METHODE DE DETECTION DE POINTEUR DESTINES A UN SYSTEME D'ENTREE INTERACTIF**
[72] MORRISON, GERALD, CA
[72] HOLMGREN, DAVID, CA
[72] LAM, CLINTON, CA
[71] SMART TECHNOLOGIES ULC, CA
[22] 2016-09-22
[41] 2017-03-25
[30] US (62/233,079) 2015-09-25

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[51] **Int.Cl. B25B 13/48 (2006.01) B25B 13/50 (2006.01) E03C 1/02 (2006.01)**
[25] EN
[54] **FAUCET WRENCH**
[54] **CLE A ROBINET**
[72] HUMPHRIES, LANCE, CA
[71] HUMPHRIES, LANCE, CA
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[41] 2017-03-22
[30] US (62/221,732) 2015-09-22

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[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A63G 21/00 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **INTERACTIVE AMUSEMENT ATTRACTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ACTIVITE DE DIVERTISSEMENT INTERACTIF**
[72] WESTON, DENISE CHAPMAN, US
[72] MENDELSON, AARON, US
[72] BRASSARD, DANIEL, CA
[72] HEAVEN, EDWIN MICHAEL GYDE, CA
[72] BRIGGS, RICK, US
[72] FRANKOWSKI, HYUMA, CA
[72] SEBULSKY, RICHARD A., CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2016-09-21
[41] 2017-03-21
[30] US (14/860459) 2015-09-21

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS FOR PARALLEL PROCESSING OF DATASETS WITH DYNAMIC SKEW COMPENSATION**
[54] **SYSTEME DE TRAITEMENT PARALLELE D'ENSEMBLES DE DONNEES A COMPENSATION DE BIAIS DYNAMIQUE**
[72] STOCKER, JOHN, US
[72] KUMAR, SUNNY, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2016-09-21
[41] 2017-03-21
[30] US (62/221,434) 2015-09-21

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[13] A1
[51] **Int.Cl. G01F 23/284 (2006.01)**
[25] EN
[54] **PROBE HOLDER WITH SPACER**
[54] **PORTE-SONDE DOTE D'UN ESPACEUR**
[72] PICHOT, VINCENT, FR
[72] PEIGAT, LAURENT, FR
[71] KROHNE S.A.S., FR
[22] 2016-09-23
[41] 2017-03-25
[30] DE (10 2015 116 273.3) 2015-09-25

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[13] A1
[51] **Int.Cl. B65B 11/00 (2006.01) B65B 57/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF APPLYING STRETCH FILM TO A LOAD**
[54] **SYSTEME ET METHODE D'APPLICATION D'UNE PELLICULE EXTENSIBLE SUR UN CHARGEMENT**
[72] RIEMENSCHNEIDER, PAUL KURT, III, US
[72] CHING, ROBERT EDWARD KWOCK-FAI, US
[72] VENECHUK, LUCAS JAMES, US
[71] RIEMENSCHNEIDER, PAUL KURT, III, US
[22] 2016-09-23
[41] 2017-03-25
[30] US (62/233,116) 2015-09-25
[30] US (62/233,119) 2015-09-25
[30] US (62/233,123) 2015-09-25
[30] US (62/233,125) 2015-09-25

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[13] A1
[51] **Int.Cl. E04D 1/22 (2006.01) B32B 3/14 (2006.01) B32B 11/08 (2006.01) B32B 37/00 (2006.01) E04D 1/18 (2006.01) E04D 1/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR RE-ROOFING ASPHALT SHINGLED ROOFS**
[54] **SYSTEME DE RECOUVERTURE DE TOITS EN BARDEAUX D'ASPHALTE**
[72] GUERRA, VINCE, CA
[71] GUERRA, VINCE, CA
[22] 2016-09-23
[41] 2017-03-25
[30] US (62284291) 2015-09-25

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[54] **A SYSTEM AND METHOD OF SNOW AND ICE REMOVAL**
[54] **UN SYSTEME ET UNE METHODE D'ENLEVEMENT DE LA NEIGE ET DE LA GLACE**
[72] GORDON, OSBELL J., US
[72] RANALLI, RONALD J., US
[72] BALLNIK, DOUGLAS P., US
[71] SNOW ANGEL TECHNOLOGIES, LLC, US
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[51] **Int.Cl. H04W 8/02 (2009.01)**
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[54] **METHOD AND SYSTEM FOR SUPPLEMENTARY SERVICES SYNCHRONIZATION ACROSS NETWORKS**
[54] **METHODE ET SYSTEME DESTINES A LA SYNCHRONISATION DE SERVICES COMPLEMENTAIRES SUR LES RESEAUX**
[72] NAIM, GHASSAN, US
[72] SHARMA, ANISH, US
[72] PANKAJAKSHAN, BEJOY, US
[71] MITEL MOBILITY INC., US
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[54] **REPAIR-OPTIMAL PARITY CODE**
[54] **CODE DE PARITE A REPARATION OPTIMALE**
[72] MATEESCU, ROBERT, US
[72] PAMIES-JUAREZ, LLUIS, US
[72] GUYOT, CYRIL, US
[71] HGST NETHERLANDS B.V., NL
[22] 2016-09-23
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[54] **CACHE OBLIVIOUS ALGORITHM FOR BUTTERFLY CODE**
[54] **ALGORITHME INSENSIBLE AU CACHE DESTINE AU CODE PAPILLON**
[72] GUYOT, CYRIL, US
[72] MATEESCU, ROBERT, US
[72] PAMIES-JUAREZ, LLUIS, US
[72] BLAGOJEVIC, FILIP, US
[71] HGST NETHERLANDS B.V., NL
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[25] EN
[54] **SWITCHING APPARATUS AND SYSTEM FOR WINDOW SHADINGS WITH POWERED ADJUSTMENT**
[54] **APPAREIL DE COMMUTATION ET SYSTEME DESTINE A DES PARURES DE FENETRE A AJUSTEMENT ELECTRIQUE**
[72] WATKINS, RICHARD, US
[72] MARUSAK, THOMAS, US
[71] COMFORTEX WINDOW FASHIONS, US
[22] 2016-09-23
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[51] **Int.Cl. A61H 35/02 (2006.01) F16K 11/10 (2006.01) F16K 31/64 (2006.01)**
[25] EN
[54] **EMERGENCY WASH SYSTEM WITH PULLDOWN EYEWASH**
[54] **SYSTEME DE LAVAGE D'URGENCE DOTE D'UN BAIN OCULAIRE DEROULANT**
[72] EVELEIGH, ROBERT B., US
[72] BAKER, THOMAS R., US
[72] WEST, CAMERON, US
[72] EVELEIGH, CARL, US
[71] MAGARL, LLC, US
[22] 2016-09-26
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[51] **Int.Cl. F24F 6/12 (2006.01) F24F 6/14 (2006.01)**
[25] EN
[54] **STEAM DISPERSION SYSTEM**
[54] **SYSTEME DE DISPERSION DE LA VAPEUR**
[72] CELOTTA, DANIEL W., US
[72] ERISGEN, SUKRU, US
[72] FARLEY, COLE KENNEDY, US
[72] LUNDGREEN, JAMES M., US
[72] POSHUSTA, TODD M., US
[71] DRI-STEEM CORPORATION, US
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[25] EN
[54] **FLEXIBLE SOLAR GENERATOR PROVIDED WITH ELECTRICAL PROTECTION AGAINST THE IMPACT OF CELESTIAL OBJECTS, SPACECRAFT AND SATELLITE COMPRISING AT LEAST ONE SUCH SOLAR GENERATOR**
[54] **GENERATEUR SOLAIRE FLEXIBLE DOTE D'UNE PROTECTION ELECTRIQUE CONTRE L'IMPACT D'OBJETS CELESTES, AERONEF ET SATELLITE COMPORTANT AU MOINS UN TEL GENERATEUR SOLAIRE**
[72] BOULANGER, BERNARD, FR
[72] VOIRIN, JEAN-NOEL, FR
[72] D'ABRIGEON, LAURENT, FR
[71] THALES, FR
[22] 2016-09-23
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[51] **Int.Cl. A47C 27/15 (2006.01) A47C 7/18 (2006.01) A47C 7/24 (2006.01) A47C 27/14 (2006.01)**
[25] EN
[54] **SEATING SOFA WITH LAMINATED READILY REBOUNDABLE COOLING-EFFECT SEATING CUSHIONS**
[54] **CANAPE EQUIPE DE COUSSIN D'ASSISE A EFFET RAFRAICHISSANT REBONDISSANT STRATIFIE**
[72] SILVER, MARTIN G., US
[71] MAX HOME, LLC, US
[22] 2016-09-26
[41] 2017-03-24
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[51] **Int.Cl. G01B 11/02 (2006.01) G01B 11/22 (2006.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **DIMENSIONAL ACQUISITION OF PACKAGES**
[54] **ACQUISITION DES DIMENSIONS DES PAQUETS**
[72] DRIEGEN, PAUL, CA
[72] STEVENSON, ADAM, CA
[72] SERJEANTSON, KIRK, CA
[72] SHORT, DAVID, CA
[72] GLANCY, BRIAN, CA
[71] LOGICAL TURN SERVICES INC., CA
[22] 2016-09-26
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[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **WALKING BEAM FURROW CLOSING SYSTEM FOR DISC SEEDER**
[54] **MECANISME DE FERMETURE DE SILLON DE MONTANT FLOTTANT DESTINE A UN SEMOIR A DISQUE**
[72] SHEPPARD, CLINT W., CA
[71] MORRIS INDUSTRIES LTD., CA
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[25] EN
[54] **SYNTHETIC MESH REINFORCED MULTILAYER MATERIAL AND BAGS MADE THEREFROM**
[54] **MATERIAU MULTICOUCHE RENFORCE DE MAILLAGE SYNTHETIQUE ET SACS FAITS D'UN TEL MATERIAU**
[72] FREI, ROBERT, US
[72] HEFNER, CORBETT, US
[71] VOLM COMPANIES, INC., US
[22] 2016-09-23
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[54] **GARMENT FOR ANIMAL**
[54] **VETEMENT POUR ANIMAL**
[72] BLANCHET, ROBERT, CA
[72] MOREAU, PAULA, CA
[71] BLANCHET, ROBERT, CA
[71] MOREAU, PAULA, CA
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[41] 2017-03-25
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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01) C09K 8/592 (2006.01)**
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[54] **THERMAL CONDITIONING OF FISHBONES**
[54] **CONDITIONNEMENT THERMIQUE D'ARRETES DE POISSON**
[72] FILATYEV, SERGEI A., US
[72] GOVIND, PRADEEP ANANTH, CA
[72] WHEELER, THOMAS J., US
[71] CONOCOPHILLIPS COMPANY, US
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[30] US (62/222,543) 2015-09-23

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[51] **Int.Cl. A63B 69/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **HOCKEY FACE OFF TRAINING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT A LA MISE AU JEU DE HOCKEY**
[72] BEAR, CONRAD, CA
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[25] EN
[54] **A HIGH STRENGTH STONE PLASTIC FLOOR AND MANUFACTURING METHOD THEREOF**
[54] **PLANCHER EN PLASTIQUE A EFFET DE PIERRE HAUTE RESISTANCE ET METHODE DE FABRICATION ASSOCIEE**
[72] ZHANG, XIAOLING, CN
[72] XIAO, ZHIYUAN, CN
[71] ZHANG, XIAOLING, CN
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[54] **SET FOR MECHANICAL PROCESSING, IN PARTICULAR GRINDING OF SUSPENDED FIBROUS MATERIAL**
[54] **ENSEMBLE DESTINE AU TRAITEMENT MECANIQUE, EN PARTICULIER LE BROYAGE DE MATERIAUX FIBREUX EN SUSPENSION**
[72] TICHY, CHRISTOPH, DE
[72] BEER, WOLFGANG, DE
[72] MICKELAT, THOMAS, DE
[72] ANTENSTEINER, PETER, US
[71] ANDRITZ FIEDLER GMBH, DE
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[25] EN
[54] **MACHINE FOR SORTING A MIXTURE OF WASTES, AND ASSOCIATED SORTING METHOD**
[54] **MACHINE DE TRI D'UN MELANGE DE DECHETS, ET PROCEDE DE TRI ASSOCIE**
[72] CHARREYRE, FABIEN MICHEL ALAIN, FR
[71] FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC, FR
[85] 2016-11-22
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[54] **HETEROGENEOUS MASS CONTAINING FOAM**
[54] **MASSE HETEROGENE CONTENANT DE LA MOUSSE**
[72] HUBBARD, WADE MONROE, JR., US
[72] WEISMAN, PAUL THOMAS, US
[72] HAMMONS, JOHN LEE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-22
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[25] EN
[54] **CREAMER FREE FROM ADDED EMULSIFIER(S), BUFFER(S) AND STABILIZING SALTS**
[54] **SUCCEDANE DE CREME, EXEMPT D'EMULSIFIANT(S), DE SELS TAMPON(S) ET STABILISANT(S) AJOUTE(S)**
[72] BERROCAL, RAFAEL, CH
[72] DOTZAUER, MARIA MAGDALENA, CH
[72] SCHLAGINHAUFEN, JURG, CH
[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] WAKSMAN, LUCILE, CH
[72] WEINGAND-ZIADE, ALEXANDRA, FR
[72] ZELTNER, PETER, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **NUTRITIONAL PRODUCTS TO PROMOTE SAFE SWALLOWING FOR INDIVIDUALS WITH DYSPHAGIA**
[54] **PRODUITS NUTRITIONNELS FAVORISANT UNE DEGLUTITION SURE POUR DES INDIVIDUS ATTEINTS DE DYSPHAGIE**
[72] POPA NITA, SIMINA FLORENTINA, CH
[72] ENGMANN, JAN, CH
[72] BURBIDGE, ADAM, CH
[72] RAMAIOLI, MARCO, CH
[71] NESTEC S.A., CH
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[86] 2015-07-20 (PCT/EP2015/066558)
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[30] US (62/026,958) 2014-07-21
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[25] EN
[54] **COOKING-AID FOR COATING AND FRYING A FOOD PRODUCT AND METHOD FOR MAKING SAID COOKING-AID**
[54] **AIDE CULINAIRE POUR ENROBER ET FRIRE UN PRODUIT ALIMENTAIRE ET PROCEDE DE FABRICATION DE LADITE AIDE CULINAIRE**
[72] WONG, XIN YU, SG
[72] NG, YUN TING SHERRILYN, SG
[71] NESTEC S.A., CH
[85] 2016-11-29
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[51] **Int.Cl. B65D 65/18 (2006.01) B65D 1/02 (2006.01) B65D 23/08 (2006.01)**
[25] EN
[54] **LIQUID LAUNDRY PRODUCT HAVING A WINDOW FOR VIEWING**
[54] **PRODUIT DE LESSIVE LIQUIDE AYANT UNE FENETRE PERMETTANT LA VISUALISATION**
[72] LARSON, SIGNE CHRISTINA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-30
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[51] **Int.Cl. B65D 23/08 (2006.01)**
[25] EN
[54] **HIGHLY VERSATILE LABEL, PARTICULARLY FOR BOTTLES OF BEVERAGES AND THE LIKE**
[54] **ETIQUETTE HAUTEMENT POLYVALENTE DESTINEE NOTAMMENT AUX BOUTEILLES POUR BOISSONS ET ANALOGUES**
[72] NOYBERG, IDAN, IL
[71] CUP-IT BOTTLE LABLES LTD., IL
[85] 2016-12-01
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[25] EN
[54] **COMPOSITIONS COMPRISING CINNAMALDEHYDE AND ZINC AND METHODS OF USING SUCH COMPOSITIONS**
[54] **COMPOSITIONS COMPRENANT DU CINNAMALDEHYDE ET DU ZINC ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] MEYLAN MERLINI, JENNY, CH
[72] CAMACHO, SUSANA, CH
[72] LE COUTRE, JOHANNES, CH
[71] NESTEC S.A., CH
[85] 2016-12-02
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[25] EN
[54] **SINGLE NUCLEOTIDE DETECTION METHOD**
[54] **PROCEDE DE DETECTION DE NUCLEOTIDES UNIQUES**
[72] BALMFORTH, BARNABY, GB
[72] FRAYLING, CAMERON ALEXANDER, GB
[71] BASE4 INNOVATION LTD, GB
[85] 2016-12-05
[86] 2015-07-22 (PCT/GB2015/052119)
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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **HEART VALVE REPAIR DEVICES FOR PLACEMENT IN VENTRICLE AND DELIVERY SYSTEMS FOR IMPLANTING HEART VALVE REPAIR DEVICES**
[54] **DISPOSITIFS DE REPARATION DE VALVE CARDIAQUE POUR PLACEMENT DANS UN VENTRICULE ET SYSTEMES DE PLACEMENT POUR IMPLANTER DES DISPOSITIFS DE REPARATION DE VALVE CARDIAQUE**
[72] YARON, IRA, IL
[72] BEN-ZVI, YONATAN, IL
[71] MITRALIX LTD., IL
[85] 2016-12-05
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[54] **ECOLOGY CAN END WITH PRESSURE EQUALIZATION PORT**
[54] **EXTREMITE DE CANETTE ECOLOGIQUE AVEC ORIFICE D'EGALISATION DE PRESSION**
[72] FORREST, RANDALL G., US
[72] GOGOLA, MICHAEL R., US
[71] REXAM BEVERAGE CAN COMPANY, US
[85] 2016-12-06
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[25] FR
[54] **METHOD FOR LIMITING THE EMISSION OF DUST FROM CATALYST GRAINS**
[54] **PROCEDE POUR LIMITER L'EMISSION DE POUSSIERES A PARTIR DE GRAINS DE CATALYSEURS**
[72] GALLIOU, PAULINE, FR
[72] DUFRESNE, PIERRE, FR
[72] BAFFERT, MATHIEU, FR
[72] ITALIANO, GIUSEPPE, IT
[71] EURECAT S.A., FR
[85] 2016-12-07
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[25] EN
[54] **HYBRID COMPOSITION**
[54] **COMPOSITION HYBRIDE**
[72] EVANS, MARTIN JOHN, GB
[72] REGINALD, AJAN, GB
[72] SULTAN, SABENA, GB
[71] CELL THERAPY LIMITED, GB
[85] 2016-12-07
[86] 2015-06-09 (PCT/GB2015/051672)
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[51] **Int.Cl. B29C 33/38 (2006.01)**
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[54] **A THERMALLY EXPANSIVE MOLDING TOOL AND A METHOD OF MOLDING WITH SUCH TOOL**
[54] **OUTIL DE MOULAGE THERMIQUEMENT DILATABLE ET PROCEDE DE MOULAGE A L'AIDE D'UN TEL OUTIL**
[72] CARON, RICHARD, CA
[71] BOMBARDIER INC., CA
[85] 2016-12-08
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[30] US (62/016,325) 2014-06-24

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[25] EN
[54] **CORPECTOMY IMPLANTS WITH ROUGHENED BIOACTIVE LATERAL SURFACES**
[54] **IMPLANTS DE CORPECTOMIE AVEC SURFACES LATERALES BIOACTIVES RUGUEUSES**
[72] ULLRICH, PETER F., JR., US
[72] THOMPSON, CARMIE A., US
[72] PATTERSON, CHAD J., US
[72] KENNEDY, ERIC, US
[71] TITAN SPINE, LLC, US
[85] 2016-12-08
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[51] **Int.Cl. A61L 2/238 (2006.01)**
[25] FR
[54] **USE OF MATERIALS INCORPORATING MICROPARTICLES FOR AVOIDING THE PROLIFERATION OF CONTAMINANTS**
[54] **UTILISATION DE MATERIAUX INCORPORANT DES MICROPARTICULES POUR EVITER LA PROLIFERATION DE CONTAMINANTS**
[72] MARCHIN, LOIC, FR
[71] PYLOTE, FR
[85] 2016-12-09
[86] 2015-06-25 (PCT/FR2015/051730)
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[30] FR (1455871) 2014-06-25

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[13] A1
[51] **Int.Cl. C07K 14/54 (2006.01) C12N 5/10 (2006.01) C12N 15/24 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **N-TERMINALLY TRUNCATED INTERLEUKIN-38**
[54] **INTERLEUKINE-38 TRONQUEE AU NIVEAU DE L'EXTREMITE N**
[72] WEIGERT, ANDREAS, DE
[72] MORA, JAVIER, DE
[72] BRUNE, BERNHARD, DE
[72] DILLMANN, CHRISTINA, DE
[72] PARNHAM, MICHAEL JOHN, DE
[72] GEISSLINGER, GERD, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-12-09
[86] 2015-07-14 (PCT/EP2015/066084)
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[13] A1
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[25] EN
[54] **INTEGRATED POLYURETHANE ARTICLE**
[54] **ARTICLE DE POLYURETHANE INTEGRE**
[72] VONTORCIK, JOSEPH J., US
[72] PLESSERS, AN, BE
[72] KIM, KENNETH H., US
[72] FARKAS, JULIUS, US
[72] JUNG, UNGYEONG, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2016-12-12
[86] 2015-06-19 (PCT/US2015/036552)
[87] (WO2015/200103)
[30] US (62/016,202) 2014-06-24

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[13] A1
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[25] EN
[54] **CLOSTRIDIUM DIFFICILE IMMUNOGENIC COMPOSITION**
[54] **COMPOSITION IMMUNOGENE DE CLOSTRIDIUM DIFFICILE**
[72] CASTADO, CINDY, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2016-12-13
[86] 2015-06-25 (PCT/EP2015/064324)
[87] (WO2015/197737)
[30] GB (1411306.2) 2014-06-25
[30] GB (1411371.6) 2014-06-26

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[13] A1
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[25] EN
[54] **HYDROPHILIC SURFACE-MODIFIED CARBONACEOUS PARTICULATE MATERIAL**
[54] **MATERIAU PARTICULAIRE CARBONE HYDROPHILE MODIFIE EN SURFACE**
[72] GULAS, MICHAL, CH
[72] ULMANN, PIRMIN, CH
[72] ZURCHER, SIMONE, CH
[72] SPAHR, MICHAEL, CH
[71] IMERYS GRAPHITE & CARBON SWITZERLAND LTD., CH
[85] 2016-12-13
[86] 2015-07-15 (PCT/EP2015/066212)
[87] (WO2016/008951)
[30] EP (14177137.8) 2014-07-15
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[13] A1
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[25] EN
[54] **MIC-1 FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION MIC-1 ET LEURS UTILISATIONS**
[72] SHAW, ALLAN CHRISTIAN, DK
[72] HELGSTRAND, CHARLOTTE, SE
[72] SANDRINI, MICHAEL PAOLO BASTNER, DK
[72] JORGENSEN, SEBASTIAN BECK, DK
[72] THOGERSEN, HENNING, DK
[72] SASS-ORUM, KRISTIAN, DK
[72] HASTRUP, SVEN, DK
[72] ANDERSEN, KIM VILBOUR, DK
[71] NOVO NORDISK A/S, DK
[85] 2016-12-14
[86] 2015-06-17 (PCT/EP2015/063596)
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[25] EN
[54] **ANTI-AXL ANTIBODIES**
[54] **ANTICORPS ANTI-AXL**
[72] MICKLEM, DAVID ROBERT, NO
[72] KIPRIJANOV, SERGEJ, NO
[72] NILSSON, LINN HODNELAND, NO
[72] AHMED, LAVINA, NO
[72] HAUGEN, HALLVARD, NO
[71] BERGENBIO AS, NO
[85] 2016-12-14
[86] 2015-06-18 (PCT/EP2015/063700)
[87] (WO2015/193428)
[30] GB (1410826.0) 2014-06-18

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[13] A1
[51] **Int.Cl. G01N 27/403 (2006.01)**
[25] EN
[54] **END-FILL ELECTROCHEMICAL-BASED ANALYTICAL TEST STRIP WITH PERPENDICULAR INTERSECTING SAMPLE-RECEIVING CHAMBERS**
[54] **BANDELETTE REACTIVE ANALYTIQUE A BASE DE PRODUIT ELECTROCHIMIQUE DE REMPLISSAGE D'EXTREMITE AVEC CHAMBRES DE RECEPTION D'ECHANTILLON A INTERSECTION PERPENDICULAIRE**
[72] COOPER, ALEXANDER, GB
[72] SMITH, ANTONY, GB
[72] WHYTE, LYNSEY, GB
[72] WHITEHEAD, NEIL, GB
[72] MCCOLL, DAVID, GB
[72] GUTHRIE, BRIAN, GB
[72] LLOYD, TIMOTHY, GB
[72] MASSARI, ROSSANO, IT
[72] FORLANI, CHRISTIAN, IT
[71] LIFESCAN SCOTLAND LIMITED, GB
[85] 2016-12-14
[86] 2015-06-23 (PCT/EP2015/064151)
[87] (WO2015/197645)
[30] US (14/313,377) 2014-06-24

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[51] **Int.Cl. C07D 405/12 (2006.01) A61K 47/54 (2017.01) A61K 49/00 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01)**
[25] FR
[54] **WATER-SOLUBLE ACTIVATABLE MOLECULAR PROBES, INTERMEDIATES FOR THE SYNTHESIS THEREOF AND ASSOCIATED DETECTION METHODS**
[54] **SONDES MOLECULAIRES ACTIVABLES HYDROSOLUBLES, INTERMEDIAIRES POUR LEUR SYNTHESE ET PROCEDES DE DETECTION ASSOCIES**
[72] HASSERODT, JENS, FR
[72] PROST, MAXIME, FR
[71] ECOLE NORMALE SUPERIEURE DE LYON, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-12-14
[86] 2015-06-24 (PCT/FR2015/051705)
[87] (WO2015/197981)
[30] FR (1456014) 2014-06-26

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 47/36 (2006.01) A61P 5/16 (2006.01)**
[25] EN
[54] **THIOUREYLENE LIQUID COMPOSITIONS**
[54] **COMPOSITIONS LIQUIDES DE THIOUREYLENES**
[72] REYNOLDS, LOUISE, GB
[72] UMRETHIA, MANISH, GB
[71] NORBROOK LABORATORIES LIMITED, GB
[85] 2016-12-14
[86] 2015-06-23 (PCT/GB2015/051824)
[87] (WO2015/198033)
[30] GB (1411310.4) 2014-06-25

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 3/00 (2006.01) A61P 29/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **3-SUBSTITUTED 2-AMINO-INDOLE DERIVATIVES**
[54] **DERIVES DE 2-AMINO-INDOLE 3-SUBSTITUES**
[72] BARKER, GREGORY, GB
[72] DAVENPORT, RICHARD, GB
[72] DOWNHAM, ROBERT, GB
[72] FARNABY, WILLIAM, GB
[72] GOLDBY, ANNE, GB
[72] HANNAH, DUNCAN, GB
[72] HARRISON, DAVID, GB
[72] WILLEMS, HENRIETTE, GB
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-12-14
[86] 2015-06-24 (PCT/GB2015/051840)
[87] (WO2015/198045)
[30] GB (1411236.1) 2014-06-25

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) A61P 1/00 (2006.01)**
[25] EN
[54] **MIRNA 320A AS BIOMARKER FOR INFLAMMATORY BOWEL DISEASE**
[54] **MIARN 320A COMME BIOMARQUEUR DE MALADIE ENTERIQUE INFLAMMATOIRE**
[72] SCHMIDT, ALEXANDER, DE
[72] CICHON, CHRISTOPH, DE
[71] WESTFALISCHE WILHELMS-UNIVERSITAT MUNSTER, DE
[85] 2016-12-14
[86] 2015-07-16 (PCT/EP2015/066248)
[87] (WO2016/008971)
[30] LU (92499) 2014-07-16

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4985 (2006.01) A61K 31/5025 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **1,3-SUBSTITUTED 2-AMINOINDOLE DERIVATIVES AND ANALOGUES USEFUL IN THE TREATMENT OR PREVENTION OF DIABETES MELLITUS, OBESITY AND INFLAMMATORY BOWEL DISEASE**
[54] **DERIVES DE 1,3-SUBSTITUES 2-AMINOINDOLES ET ANALOGUES UTILES DANS LE TRAITEMENT OU LA PREVENTION DU DIABETE SUCRE, DE L'OBESITE ET DE LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] DAVENPORT, RICHARD, GB
[72] DUNN, JONATHAN, GB
[72] FARNABY, WILLIAM, GB
[72] HANNAH, DUNCAN, GB
[72] HARRISON, DAVID, GB
[72] WRIGHT, SUSANNE, GB
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-12-14
[86] 2015-06-24 (PCT/GB2015/051841)
[87] (WO2015/198046)
[30] GB (1411239.5) 2014-06-25

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[13] A1
[51] **Int.Cl. G01N 3/40 (2006.01) F16L 55/00 (2006.01) G01N 33/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NON-DESTRUCTIVE, IN-SITU, POSITIVE MATERIAL IDENTIFICATION OF A PIPE**
[54] **SYSTEME ET PROCEDE POUR L'IDENTIFICATION DE MATERIAU POSITIVE, NON DESTRUCTRICE ET IN SITU D'UN TUYAU**
[72] GREENE, KENNETH JAMES, US
[72] CARAWAY, CHRIS, US
[72] DONIKOWSKI, GREGORY, US
[72] TROYER, JOEL, US
[71] TDW DELAWARE, INC., US
[85] 2016-12-14
[86] 2015-06-09 (PCT/US2015/034928)
[87] (WO2015/199975)
[30] US (62/017,964) 2014-06-27
[30] US (14/565,206) 2014-12-09

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[13] A1
[51] **Int.Cl. G01N 30/86 (2006.01)**
[25] EN
[54] **METHOD OF MONITORING PRODUCTION OF A CHEMICAL PRODUCT AND A CHROMATOGRAPH USED THEREWITH**
[54] **PROCEDE DE SURVEILLANCE DE PRODUCTION D'UN PRODUIT CHIMIQUE ET D'UN CHROMATOGRAPHE UTILISE AVEC CELUI-CI**
[72] DUESPOHL, DALE, US
[72] REIB, ROBERT, US
[72] PARRISH, JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
[85] 2016-12-14
[86] 2015-06-15 (PCT/US2015/035741)
[87] (WO2015/200019)
[30] US (62/018,186) 2014-06-27

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01) F16K 11/24 (2006.01) F16K 31/06 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROVIDING PRESSURIZED FLUID**
[54] **DISPOSITIF ET PROCEDE DE FOURNITURE DE FLUIDE SOUS PRESSION**
[72] BERNARD, PHILIPPE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2016-12-15
[86] 2015-06-16 (PCT/FR2015/051592)
[87] (WO2015/197946)
[30] FR (1455870) 2014-06-25

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A01N 47/08 (2006.01) A01P 7/00 (2006.01) A61K 31/4439 (2006.01) A61P 33/00 (2006.01) A61P 33/14 (2006.01) C07D 213/80 (2006.01)**
[25] EN
[54] **PYRAZOLYL-TRIAZOLYL-PYRIDINES AS PEST-CONTROL AGENTS**
[54] **PYRAZOLYL-TRIAZOLYL-PYRIDINES EN TANT QU'AGENTS DE LUTTE CONTRE LES NUISIBLES**
[72] SCHWARZ, HANS-GEORG, DE
[72] HALLENBACH, WERNER, DE
[72] GOERGENS, ULRICH, DE
[72] ILG, KERSTIN, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2016-12-15
[86] 2015-06-15 (PCT/EP2015/063271)
[87] (WO2015/193216)
[30] EP (14172921.0) 2014-06-18

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[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01) B65D 47/04 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **CLOSURE WITH STORAGE CHAMBER**
[54] **FERMETURE AVEC CHAMBRE DE STOCKAGE**
[72] GIOVANNINI, MARCO, IT
[72] VIALE, LUCA, IT
[72] MITTINO, MAURIZIO, IT
[71] GUALA CLOSURES S.P.A., IT
[85] 2016-12-15
[86] 2015-06-18 (PCT/IB2015/054588)
[87] (WO2015/193835)
[30] IT (MI2014A001118) 2014-06-19
[30] IT (MI2014A001446) 2014-08-06

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[13] A1
[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/848 (2013.01)**
[25] EN
[54] **IMPROVED ENDOPROSTHESIS ANCHORING AND SEALING**
[54] **ANCRAGE ET ETANCHEITE D'ENDOPROTHESE AMELIOREE**
[72] MAJERCAK, DAVID, US
[71] CORDIS CORPORATION, US
[85] 2016-12-15
[86] 2015-06-05 (PCT/US2015/034314)
[87] (WO2015/199943)
[30] US (14/316,151) 2014-06-26

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[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/04 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ARRANGEMENT IN A CONTAINER OF A SORPTION DRYER FOR A FLUID, CONTAINER OF A SORPTION DRYER AND SYSTEM**
[54] **DISPOSITIF A METTRE EN PLACE DANS UN RESERVOIR D'UN SECHOIR A SORPTION DESTINE A UN FLUIDE, RESERVOIR DE SECHOIR A SORPTION ET SYSTEME**
[72] RBAYTI, ABDELKHALIC, DE
[72] SCHAEFER, JENS, DE
[72] BONGARTZ, WOLFGANG, DE
[72] FULKO, SUSANNE, DE
[72] SCHAAF, PETER, DE
[72] LETTAU, ANDREAS, DE
[72] SCHWARZ, PETER, DE
[72] WESTPHAL, ROLAND, DE
[71] DONALDSON FILTRATION DEUTSCHLAND GMBH, DE
[85] 2016-12-16
[86] 2015-06-24 (PCT/EP2015/001269)
[87] (WO2015/197189)
[30] DE (10 2014 009 292.5) 2014-06-26
[30] DE (10 2014 013 806.2) 2014-09-23

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[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN INJECTION-MOULDING MACHINE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE MACHINE DE MOULAGE PAR INJECTION**
[72] SCHMIDHEINY, ERIC, CH
[72] HAUSAMMANN, MANUEL, CH
[71] NETSTAL-MASCHINEN AG, CH
[85] 2016-12-16
[86] 2015-06-19 (PCT/EP2015/063792)
[87] (WO2015/197480)
[30] DE (10 2014 108 730.5) 2014-06-23

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[13] A1
[51] **Int.Cl. A61F 2/08 (2006.01)**
[25] EN
[54] **REMOVABLE IMPLANT FOR GENERATING A TENDON OR A LIGAMENT**
[54] **IMPLANT AMOVIBLE POUR GENERER UN TENDON OU UN LIGAMENT**
[72] SOUBEYRAND, MARC, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2016-12-16
[86] 2015-06-24 (PCT/EP2015/064246)
[87] (WO2015/197687)
[30] FR (1455926) 2014-06-25

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[13] A1
[51] **Int.Cl. F17D 3/14 (2006.01)**
[25] EN
[54] **METHOD OF PIPELINE INTERIOR DRYING**
[54] **PROCEDE DE SECHAGE DE LA CAVITE DE CONDUITS**
[72] SHIRYAPOV, DMITRY IGOREVICH, RU
[72] KARPOV, SERGEI VSEVOLODOVICH, RU
[72] ALIKHASHKIN, ALEKSEI SERGEEVICH, RU
[72] ELFIMOV, ALEKSANDR VASILYEVICH, RU
[71] PUBLICHNOE AKTSIONERNOE OBSCHESTVO "GAZPROM", RU
[85] 2016-12-19
[86] 2014-12-11 (PCT/RU2014/000930)
[87] (WO2015/199576)
[30] RU (2014126178) 2014-06-27

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[13] A1
[51] **Int.Cl. G03B 35/08 (2006.01)**
[25] EN
[54] **MONOCULAR STEREOSCOPIC CAMERA**
[54] **APPAREIL DE PHOTO STEREO MONOCULAIRE**
[72] PYO, DO-YEON, KR
[71] YEON SYSTEMS CO., LTD., KR
[85] 2016-12-20
[86] 2015-06-24 (PCT/KR2015/006405)
[87] (WO2015/199432)
[30] KR (10-2014-0078731) 2014-06-26

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[13] A1
[51] **Int.Cl. B29C 44/44 (2006.01) B29C 44/34 (2006.01)**
[25] EN
[54] **PRESSURE-DEPENDENT FOAM MOULDING OF POLY(METH)ACRYLIMIDE PARTICLES IN CLOSED MOULDS FOR PRODUCING RIGID FOAM CORES**
[54] **MOUSSE MOULEE EN FONCTION DE LA PRESSION, DE PARTICULES DE POLY(METH)ACRYLIMIDE DANS DES OUTILS FERMES, POUR LA PRODUCTION DE NOYAUX EN MOUSSE RIGIDE**
[72] BERNHARD, KAY, DE
[72] LIEBL, INA, DE
[72] DENK, TIM, DE
[72] BECKER, FLORIAN, DE
[72] RICHTER, THOMAS, DE
[71] EVONIK ROHM GMBH, DE
[85] 2016-12-21
[86] 2015-06-25 (PCT/EP2015/064316)
[87] (WO2015/197734)
[30] DE (10 2014 009 338.7) 2014-06-27

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **MOLECULES WITH SPECIFICITY FOR CD45 AND CD79**
[54] **MOLECULES PRESENTANT UNE SPECIFICITE VIS-A-VIS DE CD45 ET CD79**
[72] FINNEY, HELENE MARGARET, GB
[72] RAPECKI, STEPHEN EDWARD, GB
[72] WRIGHT, MICHAEL JOHN, GB
[72] TYSON, KERRY, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-12-21
[86] 2015-07-16 (PCT/EP2015/066368)
[87] (WO2016/009029)
[30] GB (1412659.3) 2014-07-16

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[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01) F16L 55/00 (2006.01) G02B 23/24 (2006.01)**
[25] EN
[54] **SIGHT GLASS APPARATUS**
[54] **APPAREIL A VERRE-REGARD**
[72] STOCKWELL, PAUL, GB
[72] WIDDUP, DAVID, GB
[72] RAYNERS, JON, GB
[71] INTERNATIONAL MOISTURE ANALYSERS LIMITED, GB
[85] 2016-12-21
[86] 2015-06-23 (PCT/GB2015/051833)
[87] (WO2015/198038)
[30] GB (1411258.5) 2014-06-25

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[13] A1
[51] **Int.Cl. F17D 5/00 (2006.01) F16K 1/12 (2006.01) F16K 17/00 (2006.01) F16K 31/122 (2006.01)**
[25] EN
[54] **HIGH INTEGRITY PRESSURE PROTECTING SYSTEM (HIPPS) FOR A FLUID LINE**
[54] **SYSTEME DE PROTECTION DE PRESSION A INTEGRITE ELEVEE (HIPPS) POUR UNE CONDUITE DE FLUIDE**
[72] ESVELDT, VINCENT, NL
[71] MOKVELD VALVES B.V., NL
[85] 2016-12-22
[86] 2015-06-01 (PCT/EP2015/062127)
[87] (WO2015/197312)
[30] EP (14173894.8) 2014-06-25

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[21] **2,953,732**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR IDENTIFYING A PATIENT HAVING A BRAF-POSITIVE CANCER AS A NON-RESPONDER TO A BRAF INHIBITOR AND AS A RESPONDER TO AN MAPK/ERK INHIBITOR**
[54] **MOYENS ET METHODES D'IDENTIFICATION D'UN PATIENT ATTEINT D'UN CANCER BRAF-POSITIF COMME PERSONNE NE REPONDANT PAS A UN INHIBITEUR DE BRAF ET COMME PERSONNE REPONDANT A UN INHIBITEUR DE MAPK/ERK**
[72] LEVESQUE, MITCHELL PAUL, CH
[72] DUMMER, REINHARD, CH
[72] WIDMER, DANIEL, CH
[72] RAAIJMAKERS, MARIEKE INEKE GEERTJE, CH
[71] UNIVERSITAT ZURICH PROREKTORAT MNW, CH
[85] 2016-12-28
[86] 2015-07-13 (PCT/EP2015/065986)
[87] (WO2016/008853)
[30] EP (14176944.8) 2014-07-14

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[13] A1
[51] **Int.Cl. C12P 5/02 (2006.01) C12P 7/02 (2006.01) C12P 7/40 (2006.01) C12P 7/52 (2006.01) C25B 3/04 (2006.01) C25B 3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ALKANES USING MICROORGANISMS COMBINED WITH KOLBE SYNTHESIS**
[54] **PROCEDE POUR LA PRODUCTION D'ALCANES A L'AIDE DE MICRO-ORGANISMES COMBINES AVEC UNE SYNTHESE DE KOLBE**
[72] HAAS, THOMAS, DE
[72] PAULMANN, UWE, DE
[72] BECK, SIMON, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-01-03
[86] 2015-07-16 (PCT/EP2015/066275)
[87] (WO2016/008979)
[30] EP (14177491.9) 2014-07-17

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[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 15/86 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **VECTOR PRODUCTION**
[54] **PRODUCTION DE VECTEURS**
[72] CANTORE, ALESSIO, IT
[72] LOMBARDO, ANGELO LEONE, IT
[72] NALDINI, LUIGI, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
[85] 2017-01-06
[86] 2015-07-13 (PCT/IB2015/055286)
[87] (WO2016/009326)
[30] GB (1412494.5) 2014-07-14

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[13] A1
[51] **Int.Cl. C12N 5/077 (2010.01)**
[25] EN
[54] **GENERATION OF A MESENCHYMAL STROMAL CELL BANK FROM THE POOLED MONONUCLEAR CELLS OF MULTIPLE BONE MARROW DONORS**
[54] **FORMATION D'UNE BANQUE DE CELLULES STROMALES MESENCHYMATEUSES A PARTIR DE CELLULES MONONUCLEAIRES RASSEMBLEES DE MULTIPLES DONNEURS DE MOELLE OSSEUSE**
[72] BADER, PETER, DE
[72] KUCI, SELIM, DE
[72] KUCI, ZYRAFETE, DE
[72] BONIG, HALVARD, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT, FRANKFURT AM MAIN, DE
[71] DRK BLUTSPENDEDIENST BADEN-WURTTEMBERG-HESSEN GGMBH, DE
[85] 2017-01-06
[86] 2015-07-14 (PCT/EP2015/066083)
[87] (WO2016/008895)
[30] EP (14177312.7) 2014-07-16

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **GAMMA DELTA T CELLS AND USES THEREOF**
[54] **LYMPHOCYTES T GAMMA DELTA ET LEURS UTILISATIONS**
[72] LEEK, MICHAEL, GB
[72] HANNIGAN, ADELE, GB
[71] TC BIOPHARM LTD, GB
[85] 2017-01-06
[86] 2015-07-08 (PCT/GB2015/051985)
[87] (WO2016/005752)
[30] GB (1412175.0) 2014-07-09
[30] GB (1415379.5) 2014-08-29
[30] GB (1506423.1) 2015-04-15

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) A23L 3/005 (2006.01) A61L 2/04 (2006.01) C02F 1/02 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STERILIZING A FLUID**
[54] **SYSTEME ET PROCEDE DE STERILISATION DE FLUIDE**
[72] GUAMIS ALEGRE, ALEXANDRE, ES
[72] SALAS VICENTE, FIDEL, ES
[72] SALAS VICENTE, JOSE, ES
[72] GUAMIS ALEGRE, DAVID, ES
[72] MORETA BUFILL, LEO, ES
[71] GUAMIS ALEGRE, ALEXANDRE, ES
[71] SALAS VICENTE, FIDEL, ES
[71] SALAS VICENTE, JOSE, ES
[71] GUAMIS ALEGRE, DAVID, ES
[71] MORETA BUFILL, LEO, ES
[85] 2017-01-09
[86] 2015-07-10 (PCT/EP2015/065820)
[87] (WO2016/005556)
[30] EP (14382273.2) 2014-07-11

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[13] A1
[51] **Int.Cl. A23N 15/02 (2006.01) A23N 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE SEPARATION OF AGRICULTURAL PRODUCTS**
[54] **APPAREIL POUR LA SEPARATION DE PRODUITS AGRICOLES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2017-01-09
[86] 2015-06-23 (PCT/IB2015/054689)
[87] (WO2016/005842)
[30] IT (PN2014A000035) 2014-07-11

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/67 (2006.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **DUAL CISTRONIC BACTERIAL EXPRESSION SYSTEM**
[54] **SYSTEME D'EXPRESSION BACTERIENNE DUELLE DU CISTRON**
[72] SALUNKHE, SHARDUL, IN
[72] VARSHNEY, BRAJESH, IN
[72] SOORAPANENI, SUDHEERBABU, IN
[71] LUPIN LIMITED, IN
[85] 2017-01-09
[86] 2015-07-09 (PCT/IB2015/055189)
[87] (WO2016/005931)
[30] IN (2245/MUM/2014) 2014-07-09

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[13] A1
[51] **Int.Cl. C07K 7/22 (2006.01) A23K 20/147 (2016.01) A23L 33/18 (2016.01) A01K 61/00 (2017.01) A61K 38/04 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **ANTAGONISTS OF NEUROKININ B IN FISH REPRODUCTION**
[54] **ANTAGONISTES DE LA NEUROKININE B UTILISES DANS LA REPRODUCTION DE POISSONS**
[72] LEVAVI-SIVAN, BERTA, IL
[72] GILON, CHAIM, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2017-01-09
[86] 2015-07-16 (PCT/IL2015/050739)
[87] (WO2016/009439)
[30] US (62/025,618) 2014-07-17

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 9/10 (2006.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING PLANTS RESISTANT TO GLYPHOSATE HERBICIDE**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION DE PLANTES RESISTANTES A UN HERBICIDE, LE GLYPHOSATE**
[72] DJUKANOVIC, VESNA, US
[72] JONES, SPENCER CHARLES, US
[72] LIU, ZHAN-BIN, US
[72] LASSNER, MICHAEL, US
[72] LYZNIK, LESZEK ALEKSANDER, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-01-09
[86] 2015-07-01 (PCT/US2015/038767)
[87] (WO2016/007347)
[30] US (62/023,246) 2014-07-11

[21] **2,954,641**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS AND KITS FOR IDENTIFYING FOOD SENSITIVITIES AND INTOLERANCES**
[54] **PROCEDES ET KITS POUR IDENTIFIER LES SENSIBILITES ET LES INTOLERANCES ALIMENTAIRES**
[72] SPIEGEL, BRENNAN, US
[72] CHEY, WILLIAM D., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2017-01-09
[86] 2015-07-09 (PCT/US2015/039817)
[87] (WO2016/007793)
[30] US (62/022,378) 2014-07-09

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[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) C30B 7/14 (2006.01) C30B 29/58 (2006.01)**
[25] EN
[54] **CRYSTALLINE ANTIBODY FORMULATIONS**
[54] **FORMULATIONS D'ANTICORPS CRISTALLINS**
[72] KHALAF, NAZER, US
[72] MANDAPATI, SARASWATHI, US
[72] PATEL, REENA J., US
[71] AMGEN INC., US
[85] 2017-01-10
[86] 2015-07-13 (PCT/US2015/040217)
[87] (WO2016/010927)
[30] US (62/024,393) 2014-07-14

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[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) C30B 7/14 (2006.01) C30B 29/58 (2006.01)**
[25] EN
[54] **CRYSTALLINE ANTIBODY FORMULATIONS**
[54] **FORMULATIONS D'ANTICORPS CRISTALLINES**
[72] CHRISTIAN, TWINKLE R., US
[72] CLOGSTON, CHRISTI L., US
[72] OSSLUND, TIMOTHY DAVID, US
[71] AMGEN INC., US
[85] 2017-01-10
[86] 2015-07-13 (PCT/US2015/040211)
[87] (WO2016/010924)
[30] US (62/024,399) 2014-07-14

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[13] A1
[51] **Int.Cl. C05C 1/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING AMMONIUM NITRATE-BASED PARTICLES AND A GELLING AGENT**
[54] **COMPOSITION COMPRENANT DES PARTICULES A BASE DE NITRATE D'AMMONIUM ET AGENT GELIFIANT**
[72] TANDE, TERJE, NO
[72] LEDOUX, FRANCOIS, FR
[71] YARA INTERNATIONAL ASA, NO
[85] 2017-01-11
[86] 2015-07-14 (PCT/EP2015/066040)
[87] (WO2016/008875)
[30] NO (20140895) 2014-07-14

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[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 5/00 (2006.01) A01H 5/12 (2006.01) A24B 3/12 (2006.01) C12N 9/50 (2006.01) C12N 15/57 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TOBACCO PROTEASE GENES**
[54] **GENES DE LA PROTEASE DU TABAC**
[72] BOVET, LUCIEN, CH
[72] FLORACK, DION, CH
[72] BATTEY, JAMES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-11
[86] 2015-07-16 (PCT/EP2015/066341)
[87] (WO2016/009006)
[30] EP (14177715.1) 2014-07-18

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[13] A1
[51] **Int.Cl. H01M 8/0612 (2016.01) H01M 8/241 (2016.01) C01B 3/32 (2006.01)**
[25] EN
[54] **A REFORMER FOR A FUEL CELL SYSTEM**
[54] **REFORMEUR POUR UN SYSTEME DE PILE A COMBUSTIBLE**
[72] KORSGAARD, ANDERS RISUM, DK
[72] BANG, MADS, DK
[71] SERENERGY A/S, DK
[85] 2017-01-12
[86] 2015-07-16 (PCT/DK2015/000026)
[87] (WO2016/008487)
[30] DK (PA 2014 00392) 2014-07-16

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[13] A1
[51] **Int.Cl. H01M 8/0612 (2016.01) H01M 8/241 (2016.01) C01B 3/32 (2006.01)**
[25] EN
[54] **AN EVAPORATOR FOR A FUEL CELL SYSTEM**
[54] **EVAPORATEUR POUR SYSTEME DE PILE A COMBUSTIBLE**
[72] BANG, MADS, DK
[72] KORSGAARD, ANDERS RISUM, DK
[71] SERENERGY A/S, DK
[85] 2017-01-12
[86] 2015-07-16 (PCT/DK2015/000027)
[87] (WO2016/008488)
[30] DK (PA 2014 00385) 2014-07-16

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[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **A GENE CAPABLE OF ENHANCING SALICYLIC ACID-INDUCED CELL DEATH IN A PLANT CELL AND CONTRIBUTING TO RESISTANCE TO THE FUNGAL VIRULENCE FACTOR DEOXYNIVALENOL, RESISTANCE TO FUSARIUMFUNGI AND FUSARIUM HEAD BLIGHT DISEASE, AND A RECOMBINANT CONSTRUCT INCLUDING THE GENE**
[54] **GENE CAPABLE D'AMPLIFIER LA MORT CELLULAIRE INDUITE PAR L'ACIDE SALICYLIQUE DANS UNE CELLULE VEGETALE ET DE CONTRIBUER A LA RESISTANCE AU FACTEUR DE VIRULENCE FONGIQUE DESOXYNIVALENOL, A LA RESISTANCE AUX CHAMPIGNONS FUSARIUM ET A LA FUSARIOSE DE L'EPI, ET CONSTRUCTION RECOMBINANTE COMPRENANT LE GENE**
[72] DOOHAN, FIONA, IE
[72] ERARD, GUILLAUME, JP
[72] PEROCHON, ALEXANDRE, FR
[72] ANSARI, KHAIRUL, IN
[72] ARUNACHALAM, CHANEMOUGASOUNDHARAM, IN
[72] KACPRZYK, JOANNA, IE
[71] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE
[85] 2017-01-13
[86] 2015-07-15 (PCT/EP2015/066197)
[87] (WO2016/008942)
[30] EP (14177179.0) 2014-07-15

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[13] A1
[51] **Int.Cl. C07K 14/115 (2006.01) A61K 39/155 (2006.01) C12N 15/45 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **PEPTIDES INCLUDING A BINDING DOMAIN OF THE VIRAL PHOSPHOPROTEIN (P) SUBUNIT TO THE VIRAL RNA FREE NUCLEOPROTEIN (N0)**
[54] **PEPTIDES COMPRENANT UN DOMAINE DE LIAISON DE LA SOUS-UNITE DE LA PHOSPHOPROTEINE (P) VIRALE A LA NUCLEOPROTEINE SANS ARN VIRAL (N0)**
[72] VOLCHKOV, VIKTOR, FR
[72] JAMIN, MARC, FR
[72] LAWRENCE, PHILIP, FR
[72] YABUKARSKI, FILIP, US
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE CLAUDE BERNARD-LYON 1, FR
[71] ECOLE NORMALE SUPERIEURE DE LYON (ENS DE LYON), FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[85] 2017-01-11
[86] 2015-07-17 (PCT/EP2015/066419)
[87] (WO2016/009044)
[30] EP (14306168.7) 2014-07-18

[21] **2,955,158**
[13] A1
[51] **Int.Cl. A23L 33/12 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/17 (2016.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITIONS CONTAINING OIL BLENDS AND USES THEREOF**
[54] **COMPOSITIONS NUTRITIONNELLES CONTENANT DES MELANGES D'HUILES ET UTILISATIONS DE CELLES-CI**
[72] AO, ZIHUA, US
[72] CARTER, DIXIE, US
[72] GONZALEZ, JUAN M., US
[72] RUDOLPH, COLIN, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2017-01-13
[86] 2015-06-16 (PCT/US2015/035965)
[87] (WO2016/010664)
[30] US (14/332,876) 2014-07-16

[21] **2,955,231**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) A61K 31/138 (2006.01) A61K 38/22 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **KITS AND METHODS FOR MONITORING THERAPY AND/OR FOR ADAPTING THERAPY OF AN EPITHELIAL CANCER PATIENT**
[54] **KITS ET PROCEDES DE SURVEILLANCE DU TRAITEMENT ET/OU DE L'ADAPTATION DU TRAITEMENT D'UN PATIENT ATTEINT D'UN CANCER EPITHELIAL**
[72] FILINOVA, ELENA YU, RU
[71] TECHNOLOGIE INTEGRALE LTD., GB
[85] 2017-01-16
[86] 2015-07-16 (PCT/EP2015/066234)
[87] (WO2016/008963)
[30] DE (10 2014 010 587.3) 2014-07-16

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[13] A1
[51] **Int.Cl. A61F 5/448 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **OSTOMY BAG**
[54] **POCHE DE STOMIE**
[72] SMITH, RORY JAMES MAXWELL, GB
[72] BRAY, CHRISTOPHER DAVID, GB
[72] FRAMPTON, KIM SARAH, GB
[72] NEWTON, MARK ANDREW, GB
[71] WELLAND MEDICAL LIMITED, GB
[85] 2017-01-16
[86] 2015-07-16 (PCT/EP2015/066278)
[87] (WO2016/008981)
[30] GB (1412693.2) 2014-07-17

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[13] A1
[51] **Int.Cl. C12Q 1/32 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) C12Q 1/54 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL-BASED ANALYTICAL TEST STRIP WITH ENZYMATIC REAGENT LAYER CONTAINING A NAPHTHOQUINONE-BASED MEDIATOR AND FAD-GDH**
[54] **BANDELETTE REACTIVE ANALYTIQUE BASEE SUR L'ELECTROCHIMIE AVEC COUCHE DE REACTIF ENZYMATIQUE CONTENANT UN MEDIATEUR A BASE DE NAPHTOQUINONE ET FAD-GDH**
[72] CARDOSI, MARCO, GB
[72] PHILLIPS, REBECCA, GB
[72] MACFIE, GAVIN, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
[85] 2017-01-16
[86] 2015-07-16 (PCT/EP2015/066354)
[87] (WO2016/009018)
[30] US (14/333,552) 2014-07-17

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[13] A1
[51] **Int.Cl. C12N 9/88 (2006.01) A61K 39/10 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C12N 9/96 (2006.01)**
[25] EN
[54] **MONOMERIC AND FUNCTIONAL ADENYLATE CYCLASE CYAA TOXIN**
[54] **TOXINE D'ADENYLATE CYCLASE CYAA FONCTIONNELLE ET MONOMERE**
[72] CHENAL, ALEXANDRE, FR
[72] NTSOGO ENGUENE, VERONIQUE, FR
[72] HESSEL, AUDREY, FR
[72] KARST-SPIACZKA, JOHANNA, FR
[72] LADANT, DANIEL, FR
[71] INSTITUT PASTEUR, FR
[85] 2017-01-16
[86] 2015-07-17 (PCT/EP2015/066494)
[87] (WO2016/009080)
[30] EP (14306162.0) 2014-07-17

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **SITE DIRECTED MUTAGENESIS OF TREM-1 ANTIBODIES FOR DECREASING VISCOSITY**
[54] **MUTAGENESE DIRIGEE D'ANTICORPS TREM-1 POUR REDUIRE LA VISCOSITE**
[72] HENRIKSEN, ANETTE, DK
[72] KJAERGAARD, KRISTIAN, DK
[72] WESTPHAL STENNICKE, VIBEKE, DK
[72] WIBERG, CHARLOTTE, DK
[71] NOVO NORDISK A/S, DE
[85] 2017-01-16
[86] 2015-07-17 (PCT/EP2015/066501)
[87] (WO2016/009086)
[30] EP (14177547.8) 2014-07-17
[30] EP (14194893.5) 2014-11-26

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[13] A1
[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/18 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **A METHOD FOR DETECTING A GENETIC VARIANT**
[54] **PROCEDE POUR LA DETECTION D'UN VARIANT GENETIQUE**
[72] ROSENFELD, NITZAN, GB
[72] FORSHEW, TIM, GB
[72] MARASS, FRANCESCO, GB
[72] MURTAZA, MUHAMMED, US
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2017-01-16
[86] 2015-07-17 (PCT/GB2015/052086)
[87] (WO2016/009224)
[30] GB (1412834.2) 2014-07-18

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[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) C12N 15/113 (2010.01) A61K 39/00 (2006.01) C12N 5/10 (2006.01) C12N 15/38 (2006.01) C12N 15/86 (2006.01) C12N 15/869 (2006.01) C07K 14/045 (2006.01)**
[25] EN
[54] **HUMAN CYTOMEGALOVIRUS COMPRISING EXOGENOUS ANTIGENS**
[54] **CYTOMEGALOVIRUS HUMAIN COMPRENANT DES ANTIGENES EXOGENES**
[72] FRUEH, KLAUS, US
[72] HANSEN, SCOTT G., US
[72] NELSON, JAY, US
[72] PICKER, LOUIS, US
[72] CAPOSIO, PATRIZIA, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2017-01-13
[86] 2015-07-16 (PCT/US2015/040807)
[87] (WO2016/011293)
[30] US (62/025,348) 2014-07-16

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G06F 19/22 (2011.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **NON-INVASIVE PRENATAL DIAGNOSIS OF FETAL GENETIC CONDITION USING CELLULAR DNA AND CELL FREE DNA**
[54] **DIAGNOSTIC PRENATAL NON INVASIF D'AFFECTION GENETIQUE F□TALE A L'AIDE D'ADN CELLULAIRE ET D'ADN ACELLULAIRE**
[72] SRINIVASAN, ANUPAMA, US
[72] CHUDOVA, DARYA I., US
[72] RAVA, RICHARD P., US
[71] ILLUMINA, INC., US
[85] 2017-01-16
[86] 2015-07-17 (PCT/US2015/041008)
[87] (WO2016/011414)
[30] US (62/026,548) 2014-07-18

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[13] A1
[51] **Int.Cl. C12P 7/18 (2006.01) C12M 1/21 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01)**
[25] EN
[54] **MICROBIAL PRODUCTION OF FATTY DIOLS**
[54] **PRODUCTION MICROBIENNE DE DIOLS GRAS**
[72] SCHIRMER, ANDREAS W., US
[72] HELMAN, NOAH, US
[72] WANG, HAIBO, US
[72] HU, ZHIHAO, US
[72] ARLAGADDA, VIKRANTH, US
[72] RAMOS-SOLIS, ALMA ITZEL, US
[72] CLARKE, ELIZABETH, US
[71] REG LIFE SCIENCES, LLC, US
[85] 2017-01-16
[86] 2015-07-17 (PCT/US2015/041031)
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[54] **MACHINE D'EXERCICE POURVUE D'UN RECIPIENT DE FLUIDE COMPORTANT DES NIVEAUX D'EAU REGLABLES**
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[71] WATERROWER (UK) LTD, GB
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[54] **PROCESS FOR BACTERIALLY DEVULCANIZING SULPHUR-VULCANIZED RUBBER PARTICLES**
[54] **PROCEDE DE DEVULCANISATION PAR DES BACTERIES DE PARTICULES DE CAOUTCHOUC VULCANISE AU SOUFRE**
[72] STAEDLER, DAVIDE, CH
[72] SPINETTI, THIBAUD, CH
[72] LOWE, CHRISTIAN, CH
[71] TYRE RECYCLING SOLUTIONS SA, CH
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[54] **METHOD AND PLANT FOR THE TREATMENT OF SULPHATE CONTAINING WASTE WATER**
[54] **PROCEDE ET INSTALLATION POUR LE TRAITEMENT D'EAUX USEES CONTENANT DU SULFATE**
[72] JOUBERT, JOHANNES HENDRIKUS BRAND, ZA
[72] POCOCK, GINA, ZA
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[54] **CRAWLER SHOE HAVING WEAR MEASUREMENT FEATURES**
[54] **PATIN DE CHENILLE AYANT DES CARACTERISTIQUES DE MESURE D'USURE**
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[72] LAWSON, ROGER E., US
[72] OERTLEY, THOMAS E., US
[71] CATERPILLAR INC., US
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[54] **METHOD FOR TYING SAUSAGES IN A ROPE OF SAUSAGES**
[54] **PROCEDE POUR LIGATURER DES SAUCISSES SUR UN CORDON DE SAUCISSES**
[72] DOMLATIL, MIROSLAV, DE
[71] INOTEC GMBH MASCHINENENTWICKLUNG UND VERTRIEB, DE
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[54] **OUTIL DE CERCLAGE MIXTE PORTATIF ELECTRIQUE**
[72] BOSS, WALTER L., US
[72] FIGIEL, JANUSZ, US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
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[54] **METHOD FOR PRODUCING ORGANIC MOLECULES FROM FERMENTABLE BIOMASS**
[54] **PROCEDE DE PRODUCTION DE MOLECULES ORGANIQUES A PARTIR DE BIOMASSE FERMENTESCIBLE**
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[72] PESSIOT, JEREMY, FR
[71] AFYREN, FR
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[54] **SYSTEMS AND METHODS FOR USER AUTHENTICATION IN A WELDING SYSTEM WITH A WIRELESS PERSONAL DEVICE**
[54] **SYSTEMES ET PROCEDES POUR AUTHENTIFICATION D'UTILISATEUR DANS UN SYSTEME DE SOUDAGE A L'AIDE D'UN DISPOSITIF PERSONNEL SANS FIL**
[72] HOLVERSON, TODD EARL, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **IMPROVED PROCESS FOR THE PREPARATION OF IMMUNOGLOBULIN G (IGG)**
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE L'IMMUNOGLOBULINE G (IGG)**
[72] MORE, JOHN, GB
[72] DOLAN, TARA, GB
[71] BIO PRODUCTS LABORATORY LIMITED, GB
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[54] **SUGAR COMPOSITIONS FOR TABLETING BY DIRECT COMPRESSION**
[54] **COMPOSITIONS DE SUCRE POUR LA FABRICATION DE COMPRIMES PAR COMPRESSION DIRECTE**
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[71] ROQUETTE FRERES, FR
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[54] **PANSEMENT STRATIFIE EN MOUSSE**
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[71] INNOVATIVE THERAPIES, INC., US
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[54] **MOTONEIGE**
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[72] SAMPSON, MARTIN ELLIOTT, US
[72] CONN, JEFFREY DENZEL, US
[72] WILSON, LUC, US
[72] EATON, JEFFREY A., US
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[72] FISHER, CAMERON D., US
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[54] **ETUI DE TRANSPORT**
[72] COPEK, DIANE LYNN, US
[72] LOWN, AARON, US
[72] BYRNE, MICHAEL JOSEPH, US
[71] PB PRODUCTS LLC, US
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[54] **APPAREIL ET PROCEDE POUR PEINTURE DE SURFACE DE SUBSTRATS AVEC DES SOLUTIONS A BASE DE METAL ET DE METAL DU GROUPE PLATINE**
[72] GRAMICCIONI, GARY A., US
[72] BROWN, KENNETH R., US
[72] MUNDING, ANDREAS RICHARD, US
[71] BASF CORPORATION, US
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[54] **DEVICE FOR FILLING A RECEPTACLE**
[54] **DISPOSITIF POUR REMPLIR UN CONTENANT**
[72] ARLETH, WERNER, DE
[72] KRAUSS, ULRICH, DE
[72] PFEIFFER, STEFAN, DE
[72] RUNFT, WERNER, DE
[72] JUNKER, STEFAN, DE
[72] WINDSHEIMER, JOSHUA, DE
[72] RAPPOLD, ANDREAS, DE
[72] PETERS, JOCHEN, DE
[72] FRANGEN, JOACHIM, DE
[72] ZIEGLER, JOCHEN, DE
[72] ULLMANN, OLIVER, DE
[72] HANISCH, MARKUS, DE
[72] EBERHARDT, ALBERT, DE
[72] BANDTEL, DIETER, DE
[72] GRAN, SEBASTIAN, DE
[71] ROBERT BOSCH GMBH, DE
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[25] EN
[54] **APPARATUS FOR TRANSPORTING A CONTAINER RELATIVE TO A FILLING STATION**
[54] **DISPOSITIF SERVANT A TRANSPORTER UN CONTENANT PAR RAPPORT A UN POSTE DE REMPLISSAGE**
[72] ARLETH, WERNER, DE
[72] KRAUSS, ULRICH, DE
[72] PFEIFFER, STEFAN, DE
[72] RUNFT, WERNER, DE
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[72] WINDSHEIMER, JOSHUA, DE
[72] RAPPOLD, ANDREAS, DE
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[54] **A TEXTILE CLOTHING ITEM WITH AT LEAST ONE ABRASION PROTECTION ZONE PROVIDED WITH PROTECTOR ELEMENTS AND A PROCESS FOR ITS PRODUCTION**
[54] **PIECE DE VETEMENT TEXTILE AVEC AU MOINS UNE ZONE DE PROTECTION CONTRE LES ECORCHURES DOTEE D'ELEMENTS PROTECTEURS ET PROCEDE DE FABRICATION DE LADITE PIECE DE VETEMENT TEXTILE**
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[71] X-TECHNOLOGY SWISS GMBH, CH
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[54] **COMPOSITIONS ET PROCEDES D'ENRICHISSEMENT DE CONFINEMENT D'ANIMAUX**
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[72] JENSON, LEROY, US
[71] INNOVIVE, INC., US
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[54] **DISPOSITIF DE TENSION DE COURROIE DE STORE CREUX**
[72] ZHANG, XUEZHONG, CN
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[71] INTIGRAL, INC., US
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[72] SWAN, DAVID, GB
[72] PALMER, BRIAN, GB
[71] WEEDING TECHNOLOGIES LIMITED, GB
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[25] EN
[54] **TEXTURIZING ELEMENTS FOR TRAFFIC SURFACES, USE THEREOF AND METHOD FOR PRODUCING TRAFFIC SURFACES**
[54] **ELEMENTS DE TEXTURATION POUR VOIES DE CIRCULATION, UTILISATION ET PROCEDE DE FABRICATION DE VOIES DE CIRCULATION**
[72] RIFFEL, SIEGFRIED, DE
[72] SCHMIDT, JUERGEN, DE
[71] HEIDELBERGCEMENT AG, DE
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[25] EN
[54] **COMPONENTS, SYSTEMS AND METHODS OF BICYCLE-BASED NETWORK CONNECTIVITY AND METHODS FOR CONTROLLING A BICYCLE HAVING NETWORK CONNECTIVITY**
[54] **COMPOSANTS, SYSTEMES, ET PROCEDES DE CONNECTIVITE RESEAU BASEE SUR UNE BICYCLETTE, ET PROCEDES DE COMMANDE D'UNE BICYCLETTE AYANT UNE CONNECTIVITE RESEAU**
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[72] VASILIOTIS, CHRISTOPHER M., US
[72] SWEET, BRIAN BENJAMIN, US
[72] LOHR, CHARLES B., US
[72] DAWE, DANIEL J., US
[72] TANNER, ERIC, US
[72] CARTER, JEREMY, US
[72] BIRCHAK, JEFFREY A., US
[72] CONTELLO, WAYNE LEROY, US
[72] WHISLER, RUSSELL CHARLES, US
[72] GUST, KEVIN ALAN, US
[72] BAZYN, MATTHEW R., US
[71] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
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[25] EN
[54] **COAXIAL CABLE CONNECTORS WITH CONDUCTOR RETAINING MEMBERS**
[54] **CONNECTEURS DE CABLES COAXIAUX AVEC ELEMENTS DE RETENUE DE CONDUCTEURS**
[72] BURRIS, DONALD ANDREW, US
[72] LUTZ, WILLIAM BERNARD, US
[72] MATZEN, MICHAEL OLE, DK
[72] MILLER, THOMAS DEWEY, US
[71] CORNING OPTICAL COMMUNICATIONS RF LLC, US
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[54] **EXIT PUPIL EXPANDING DIFFRACTIVE OPTICAL WAVEGUIDING DEVICE**
[54] **DISPOSITIF GUIDE D'ONDES OPTIQUE DIFFRACTIF A ELARGISSEMENT DE PUPILLE DE SORTIE**
[72] GREY, DAVID, GB
[72] TALUKDAR, SUMANTA, GB
[71] WAVE OPTICS LTD, GB
[85] 2017-01-31
[86] 2015-07-28 (PCT/GB2015/052181)
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[54] **STACKABLE MOLDED ARTICLES, AND RELATED ASSEMBLIES AND METHODS**
[54] **ARTICLES MOULES EMPILABLES ET ENSEMBLES ET PROCEDES ASSOCIES**
[72] GOUGE, TIMOTHY D., US
[72] ALLEN, ROBERT C., US
[72] HILL, ALLEN R., US
[71] MASONITE CORPORATION, US
[85] 2017-01-31
[86] 2015-08-06 (PCT/US2015/044008)
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[25] EN
[54] **KIT FOR PRODUCING COMPOSITE SEMI-FINISHED PRODUCTS COMPRISING REVERSIBLY CROSSLINKED POLYMER EMULSIONS**
[54] **KIT DE PRODUCTION DE PRODUITS SEMI-FINIS COMPOSITES COMPRENANT DES EMULSIONS DE POLYMERE RETICULEES DE FACON REVERSIBLE**
[72] SCHMIDT, FRIEDRICH GEORG, DE
[72] HILF, STEFAN, SG
[72] HERMES, FLORIAN, DE
[72] STASCHIK, DOROTHEA, DE
[72] EURICH, THOMAS, DE
[72] PIEROTH, REBECCA, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **ENSEIGNE LUMINEUSE**
[72] BELANGER, MICHAEL J., US
[72] PRATER, CURTIS S., US
[72] KOTRYCH, JERRY A., US
[71] BELANGER, INC., US
[85] 2017-02-01
[86] 2015-08-20 (PCT/US2015/045991)
[87] (WO2016/036513)
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[30] US (14/687,704) 2015-04-15
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[54] **AQUACULTURE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AQUACULTURE**
[72] NAISH, NEIL, GB
[71] OXITEC LTD., GB
[85] 2017-01-30
[86] 2015-08-11 (PCT/IB2015/001823)
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[30] GB (1414210.3) 2014-08-11

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[51] **Int.Cl. A01J 9/04 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR COOLING A FLOW OF MILK, MILK STORAGE FACILITY, MILKING SYSTEM, AND METHOD FOR RECONFIGURING A COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT POUR LE REFROIDISSEMENT D'UN ECOULEMENT DE LAIT, INSTALLATION DE STOCKAGE DE LAIT, SYSTEME DE TRAITE ET PROCEDE DE RECONFIGURATION D'UN SYSTEME DE REFROIDISSEMENT**
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[71] DELAVAL HOLDING AB, SE
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[54] **VEHICLE STEERING SYSTEM TRANSMISSION**
[54] **TRANSMISSION DE SYSTEME DE DIRECTION DE VEHICULE**
[72] SCHNEIDER, DEAN, US
[72] SERKH, ALEXANDER, US
[72] FITZNER, IAN, US
[72] KIROUAC, CLERMONT, CA
[71] GATES CORPORATION, US
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[25] EN
[54] **ELASTOMERIC COMPOSITIONS COMPRISING USNIC ACID AND DEVICES MADE OR COATED THEREWITH**
[54] **COMPOSITIONS ELASTOMERES COMPRENANT DE L'ACIDE USNIQUE ET DISPOSITIFS FABRIQUES A PARTIR DE CELLES-CI OU ENROBES DE CELLES-CI**
[72] GUERRA, EMANUELE, IT
[72] PIZZONI, ANGELO, IT
[72] POZZI, PAOLO, IT
[71] APHARM S.R.L., IT
[71] FRANCESCO FRANCESCHETTI ELASTOMERI S.R.L., IT
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[54] **DRIVE UNIT FOR A STRAPPING DEVICE**
[54] **UNITE D'ENTRAINEMENT POUR OUTIL DE CERCLAGE**
[72] RAUCH, MANFRED, DE
[71] FROMM HOLDING AG, CH
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[54] **HIGH PERFORMANCE IMPLEMENT WEAR MEMBER**
[54] **ELEMENT D'USURE D'INSTRUMENT A HAUTE PERFORMANCE**
[72] CONGDON, THOMAS MARSHALL, JR., US
[72] KALLU, SUDHIR R., US
[72] BIGGS, NICK WILLIAM, US
[72] BJERKE, NATHAN, US
[71] CATERPILLAR INC., US
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[54] **ROUE DENTEE DE COMMUTATION POUR NOMBRE DE RAPPORTS ELEVE DE BOITE DE VITESSES**
[72] ERHARDT, JOCHEN, DE
[72] REICHENBERGER, THOMAS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **NEUTRALIZATION OF INHIBITORY PATHWAYS IN LYMPHOCYTES**
[54] **NEUTRALISATION DES VOIES D'INHIBITION DES LYMPHOCYTES**
[72] ANDRE, PASCALE, FR
[72] BLERY, MATHIEU, FR
[72] PATUREL, CARINE, FR
[72] WAGTMANN, NICOLAI, FR
[71] INNATE PHARMA, FR
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[54] **BIDET FOR BEING ATTACHED TO A TOILET BOWL**
[54] **BIDET DESTINE A ETRE FIXE A UNE CUVETTE DE TOILETTES**
[72] KONTOGOUNIS, ZISIS, GR
[72] KONTOGOUNIS, THEOFANIS, GR
[71] KONTOGOUNIS, ZISIS, GR
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[25] EN
[54] **MOISTURE VAPOR TRANSMISSION THERMOPLASTIC POLYURETHANE WITH HIGH HEAT RESISTANCE**
[54] **POLYURETHANE THERMOPLASTIQUE PERMEABLE A L'HUMIDITE AYANT UNE HAUTE RESISTANCE A LA CHALEUR**
[72] MAKAL, UMIT G., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR ASSOCIATING CAMERA SENSORS ON A VEHICLE**
[54] **SYSTEME ET PROCEDE SERVANT A ASSOCIER DES CAPTEURS DE CAMERA SUR UN VEHICULE**
[72] JONES, KARL H., US
[72] KUEHNLE, ANDREAS U., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[25] EN
[54] **COATING COMPOSITIONS CAPABLE OF PRODUCING SURFACES WITH DRY-ERASE PROPERTIES**
[54] **COMPOSITIONS DE REVETEMENT PERMETTANT DE PRODUIRE DES SURFACES DOTEES DE PROPRIETES D'EFFACEMENT A SEC**
[72] KENDI, MARGARET A., US
[72] OWENS, STEVEN, US
[72] NAKAO, MAKOTO, JP
[71] COVESTRO LLC, US
[71] SUMIKA COVESTRO URETHANE CO., LTD., JP
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[54] **ALKYLATED INFLUENZA VACCINES**
[54] **VACCINS CONTRE LA GRIPPE ALKYLES**
[72] MILNER, BROOKE, US
[72] HAINES, JONATHAN, US
[72] HAUSER, STEVEN, US
[72] POLI, JANET, US
[71] SANOFI PASTEUR INC., US
[85] 2017-02-07
[86] 2015-08-18 (PCT/US2015/045689)
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[51] **Int.Cl. B61L 27/00 (2006.01) B61L 23/00 (2006.01) B61L 27/04 (2006.01)**
[25] EN
[54] **METHOD AND PROTECTION SYSTEM FOR TRAINS OPERATING AT RESTRICTED SPEED**
[54] **PROCEDE ET SYSTEME DE PROTECTION POUR TRAINS FONCTIONNANT A UNE VITESSE LIMITEE**
[72] DREASHER, REBECCA W., US
[72] KERNWEIN, JEFFREY D., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[51] **Int.Cl. B61L 15/00 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR GUIDING PASSENGERS OF PUBLIC TRANSPORT**
[54] **METHODE DE GUIDAGE DES PASSAGERS DE TRANSPORT PUBLIC**
[72] SCHMIDT, ULRICH, DE
[72] KOENIG, GEORG, DE
[71] INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH, DE
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[54] **ENSEMBLE DE SOUDAGE**
[72] MUHLLEITNER, HEINZ, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
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[25] EN
[54] **DEVICE AND METHOD FOR PROTECTING THE EYES AGAINST RADIATION**
[54] **DISPOSITIF ET PROCEDE DE PROTECTION DES YEUX CONTRE UN RAYONNEMENT**
[72] CARUSO, NUNZIO GIUSEPPE, CH
[71] CARUSO, NUNZIO GIUSEPPE, CH
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[25] EN
[54] **A METHOD FOR EARLY ERROR DETECTION IN A DRIVE SYSTEM, A SYSTEM FOR EARLY ERROR DETECTION, WIND GENERATOR COMPRISING THE SYSTEM AND USE OF THE SYSTEM**
[54] **PROCEDE POUR LA DETECTION PRECOCE D'ERREURS DANS UN SYSTEME D'ENTRAINEMENT, SYSTEME POUR LA DETECTION PRECOCE D'ERREURS, AEROGENERATEUR COMPRENANT LE SYSTEME ET UTILISATION DU SYSTEME**
[72] MTAUWEG, SAMER, DE
[71] AREVA WIND GMBH, DE
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[25] EN
[54] **TRACK DRIVE**
[54] **ENTRAINEMENT A CHENILLE**
[72] BUCHANAN, PETER J., US
[72] EAVENSON, JIMMY N., SR., US
[71] MTD PRODUCTS INC, US
[85] 2017-02-03
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[51] **Int.Cl. C08F 8/46 (2006.01) C09J 123/26 (2006.01)**
[25] EN
[54] **MALEIC ANHYDRIDE GRAFTED LLDPE HAVING HIGH MELT INDEX**
[54] **PE-BDL GREFFE A UN ANHYDRIDE MALEIQUE ET PRESENTANT UN INDICE DE FUSION ELEVE**
[72] BRINDLE, JOHN H., JR., US
[72] STUART, RICHARD K., JR., US
[72] SCOTT, JAMES H., US
[72] CONNER, DAVID B., US
[72] TAYLOR, KEVIN J., US
[72] TROCHIM, SCOTT T., US
[71] WESTLAKE LONGVIEW CORPORATION, US
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[54] **SURFACE-TREATED FILLERS FOR BREATHABLE FILMS**
[54] **PRODUITS DE CHARGE TRAITES EN SURFACE POUR FILMS PERMEABLES A L'AIR**
[72] BRUNNER, MARTIN, CH
[72] BURKHALTER, RENE, CH
[72] FORNERA, TAZIO, CH
[72] RENTSCH, SAMUEL, CH
[72] TINKL, MICHAEL, CH
[72] PULLEGA, FRANCESCO, IT
[71] OMYA INTERNATIONAL AG, CH
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[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **REGULATION DE DEBIT DANS DES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[71] THRU TUBING SOLUTIONS, INC., US
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[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/164 (2006.01) A61P 25/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **MIXTURE OF FATTY ACIDS AND PALMITOYLETHANOLAMIDE FOR USE IN THE TREATMENT OF INFLAMMATORY AND ALLERGIC PATHOLOGIES**
[54] **MELANGE D'ACIDES GRAS ET DE PALMITOYL ETHANOLAMIDE POUR UTILISATION DANS LE TRAITEMENT DE PATHOLOGIES INFLAMMATOIRES ET ALLERGIQUES**
[72] MIGLIACCIO, RAFFAELE, IT
[72] SARDEI, ANTONELLA, IT
[72] MIGLIACCIO, CARMELA, IT
[71] MIGLIACCIO, RAFFAELE, IT
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[25] EN
[54] **SELECTIVE DENDRIMER DELIVERY TO BRAIN TUMORS**
[54] **ADMINISTRATION D'UN DENDRIMERE SELECTIF DANS DES TUMEURS CEREBRALES**
[72] MANGRAVITI, ANTONELLA, US
[72] MASTORAKOS, PANAGIOTIS, US
[72] MISHRA, MANOJ K., US
[72] RANGARAMANUJAM, KANNAN, US
[72] TYLER, BETTY M., US
[72] ZHANG, FAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[25] EN
[54] **AUTOMATED COOKING CONTROL VIA ENHANCED COOKING EQUIPMENT**
[54] **COMMANDE DE CUISSON AUTOMATISEE PAR L'INTERMEDIAIRE D'UN EQUIPEMENT DE CUISSON AMELIORE**
[72] JENKINS, JONATHAN A., US
[72] VENGROFF, DARREN ERIK, US
[72] GOYER, MATTHEW, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
[85] 2017-02-08
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[51] **Int.Cl. C23C 16/34 (2006.01) C23C 16/448 (2006.01) C23C 16/56 (2006.01) C23C 18/02 (2006.01)**
[25] EN
[54] **FORMING IRON NITRIDE HARD MAGNETIC MATERIALS USING CHEMICAL VAPOR DEPOSITION OR LIQUID PHASE EPITAXY**
[54] **FORMATION DE MATERIAUX MAGNETIQUES DURS EN NITRURE DE FER PAR DEPOT CHIMIQUE EN PHASE VAPEUR OU PAR EPITAXIE EN PHASE LIQUIDE**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-02-08
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[30] US (62/035,245) 2014-08-08

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[54] **INTEGRATED HYDROMETALLURGICAL PROCESS**
[54] **PROCEDE HYDROMETALLURGIQUE INTEGRE**
[72] SCHIESSER, ROMAN, AT
[71] MME ENGINEERING E.U., AT
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[25] EN
[54] **PROCESS FOR PREPARING A BROMINATED ELASTOMER WITH IMPROVED MOONEY VISCOSITY STABILITY**
[54] **PROCEDE DE PREPARATION D'UN ELASTOMERE BROME PRESENTANT UNE STABILITE DE VISCOSITE DE MOONEY AMELIOREE**
[72] DALPE, STEPHEN T., US
[72] KELCHTERMANS, MAURITZ M., BE
[72] JACOB, SUNNY, US
[72] CLARK, JOHN A., US
[72] ROSE, TORRI L., US
[72] MCDONALD, MICHAEL F., JR., US
[72] GU, LEMING, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[25] EN
[54] **BATCH FOR THE PRODUCTION OF A REFRACTORY MAGNESIA-CARBON PRODUCT OR A REFRACTORY ALUMINA-MAGNESIA-CARBON PRODUCT, A PROCESS FOR THE PRODUCTION OF A PRODUCT OF THIS TYPE, A PRODUCTOF THIS TYPE AS WELL AS THE USE OF A PRODUCT OF THIS TYPE**
[54] **COMPOSITION POUR FABRIQUER UN PRODUIT A BASE DE MAGNESIE-CARBONE INCOMBUSTIBLE OU UN PRODUIT A BASE D'ALUMINE-MAGNESIE-CARBONE INCOMBUSTIBLE, PROCEDE DE FABRICATION D'UN TEL PRODUIT, PRODUIT AINSI QU'UTILISATION D'UN TEL PRODUIT**
[72] EBNER, CLEMENS, AT
[72] NEUBAUER, BERND, AT
[72] RIEF, ANDREAS, AT
[72] MARANITSCH, ALEXANDER, AT
[72] TRUMMER, BERND, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2017-02-09
[86] 2015-06-29 (PCT/EP2015/064679)
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[30] EP (14187322.4) 2014-10-01

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[25] EN
[54] **AIRCRAFT ELECTRONIC FINGERPRINT AND MONITORING PERFORMANCE OF AN AIRCRAFT COMPONENT USING THE AIRCRAFT'S ELECTRONIC FINGERPRINT**
[54] **EMPREINTE ELECTRONIQUE D'AERONEF ET SURVEILLANCE DU NIVEAU D'UN COMPOSANT D'AERONEF A L'AIDE DE L'EMPREINTE ELECTRONIQUE DE L'AERONEF**
[72] DUARTE, NICOLAS B., US
[72] JIAO, YU, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-02-09
[86] 2015-07-30 (PCT/US2015/042869)
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[30] US (14/460,408) 2014-08-15

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[25] EN
[54] **FILM ADHESIVE**
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[72] ELGIMIABI, SOHAIB, DE
[72] HARRISON, PETER J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[87] (WO2016/025597)
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[54] **SEISMIC WALL SUPPORT FOR SUSPENDED GRID**
[54] **SUPPORT DE PAROI ANTI-SISMIQUE POUR GRILLE SUSPENDUE**
[72] STRAIGHT, YELENA, US
[72] LEHANE, JAMES J., US
[71] USG INTERIORS, LLC, US
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[87] (WO2016/028502)
[30] US (14/462,671) 2014-08-19

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[54] **SYSTEM AND METHOD FOR MODULAR RIDE VEHICLES**
[54] **SYSTEME ET PROCEDE POUR VEHICULES DE MANEGE MODULAIRES**
[72] BOYLE, PATRICK DEVIN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-02-09
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[54] **ENHANCED SUPERALLOYS BY ZIRCONIUM ADDITION**
[54] **SUPERALLIAGES AMELIORES PAR L'AJOUT DE ZIRCONIUM**
[72] MOURER, DAVID PAUL, US
[72] WESSMAN, ANDREW EZEKIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-02-09
[86] 2015-08-17 (PCT/US2015/045547)
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[54] **CATHETER AND ELECTRODE SYSTEMS FOR ELECTRICAL NEUROMODULATION**
[54] **SYSTEMES CATHETER-ELECTRODE POUR NEUROMODULATION ELECTRIQUE**
[72] WALDHAUSER, STEVEN L., US
[72] GOEDEKE, STEVEN D., US
[72] FRION, DUANE G., US
[71] CARDIONOMIC, INC., US
[85] 2017-02-09
[86] 2015-08-31 (PCT/US2015/047770)
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING EQUIPMENT IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE DE GESTION D'EQUIPEMENT DANS UNE PROCEDURE MEDICALE**
[72] PIRON, CAMERON, CA
[72] RICHMOND, JOSHUA, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[86] 2014-08-15 (PCT/CA2014/050781)
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[25] EN
[54] **CUTTING TOOL AND MANUFACTURING METHOD**
[54] **OUTIL DE COUPE ET PROCEDE DE FABRICATION**
[72] SAVOLAINEN, HEIKKI, FI
[71] FISKARS FINLAND OY AB, FI
[85] 2017-02-09
[86] 2015-08-26 (PCT/FI2015/050547)
[87] (WO2016/034764)
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[25] EN
[54] **LOW-VOC AMINES AS A SURFACE-ACTIVE COMPONENT IN DISPERSIONS**
[54] **AMINE PAUVRE EN COV UTILISE COMME COMPOSE TENSIOACTIF DANS DES DISPERSIONS**
[72] KUPFER, RAINER, DE
[72] SOFFING, CHRISTOPH, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-02-10
[86] 2015-07-13 (PCT/EP2015/065931)
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[25] EN
[54] **HIGH TG EPOXY FORMULATION WITH GOOD THERMAL PROPERTIES**
[54] **COMPOSITION DE RESINE EPOXY A TG ELEVEE PRESENTANT DE BONNES PROPRIETES THERMIQUES**
[72] BEDNER, DAVID, US
[72] AMLA, TARUN, US
[71] ISOLA USA CORP., US
[85] 2017-02-09
[86] 2015-06-23 (PCT/US2015/037247)
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[30] US (62/051,051) 2014-09-16
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[25] EN
[54] **SYSTEMS AND METHODS FOR GESTURE CONTROL OF A WELDING SYSTEM**
[54] **SYSTEMES ET PROCEDES DE COMMANDE GESTUELLE D'UN SYSTEME DE SOUDAGE**
[72] DUNAHOO, JASON A., US
[72] GREGORY, SETH MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
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[86] 2015-07-19 (PCT/US2015/041044)
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[25] EN
[54] **THERMOPLASTIC POLYURETHANE WITH HIGH HEAT RESISTANCE**
[54] **POLYURETHANE THERMOPLASTIQUE A HAUTE RESISTANCE A LA CHALEUR**
[72] MAKAL, UMIT G., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-02-09
[86] 2015-08-11 (PCT/US2015/044551)
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[25] EN
[54] **COMPOSITION COMPRISING SILVER NANOWIRES AND STYRENE/(METH)ACRYLIC COPOLYMERS FOR THE PREPARATION OF ELECTROCONDUCTIVE TRANSPARENT LAYERS**
[54] **COMPOSITION COMPRENANT DES NANOFILS D'ARGENT ET DES COPOLYMERES STYRENE/(METH)ACRYLIQUES PERMETTANT LA PREPARATION DE COUCHES TRANSPARENTES ELECTROCONDUCTRICES**
[72] ZHANG, RUI, US
[72] DIETSCH, HERVE, DE
[72] GAO, XUERONG, DE
[71] BASF SE, DE
[85] 2017-02-10
[86] 2015-08-11 (PCT/EP2015/068421)
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[25] EN
[54] **AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS COMPRISING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND METHYL PERFLUOROPROPYL ETHER**
[54] **COMPOSITIONS AZEOTROPES ET PSEUDO-AZEOTROPES COMPRENANT DU Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE ET DE L'ETHER DE METHYLPERFLUOROPROPYLE**
[72] KONTOMARIS, KONSTANTINOS, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2017-02-07
[86] 2015-08-26 (PCT/US2015/046907)
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[25] EN
[54] **COMPOSITION COMPRISING SILVER NANOWIRES AND DISPERSED POLYMER BEADS FOR THE PREPARATION OF ELECTROCONDUCTIVE TRANSPARENT LAYERS**
[54] **COMPOSITION COMPRENANT DES NANOFILS D'ARGENT ET DES BILLES DE POLYMERE DISPERSEES POUR LA PREPARATION DE COUCHES TRANSPARENTES ELECTROCONDUCTRICES**
[72] DIETSCH, HERVE, DE
[72] STURM, THOMAS, DE
[72] SEYFRIED, DANNY, DE
[72] BARTELS, FRANK, DE
[72] ZHANG, RUI, US
[71] BASF SE, DE
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[25] EN
[54] **COMPOSITION COMPRISING SILVER NANOWIRES AND FIBERS OF CRYSTALLINE CELLULOSE FOR THE PREPARATION OF ELECTROCONDUCTIVE TRANSPARENT LAYERS**
[54] **COMPOSITION COMPRENANT DES NANOFILS D'ARGENT ET DES FIBRES DE CELLULOSE CRISTALLINE POUR LA PREPARATION DE COUCHES TRANSPARENTES ELECTROCONDUCTRICES**
[72] DIETSCH, HERVE, DE
[72] STURM, THOMAS, DE
[72] SEYFRIED, DANNY, DE
[71] BASF SE, DE
[85] 2017-02-10
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[54] **LIFEJACKETS**
[54] **GILETS DE SAUVETAGE**
[72] OLIVER, PAUL, GB
[72] CANNON, ALICE, GB
[71] SURVITEC GROUP LIMITED, GB
[85] 2017-02-10
[86] 2015-08-13 (PCT/EP2015/068638)
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[51] **Int.Cl. B26D 1/547 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CUTTING OUT A VEHICLE GLAZING PANEL**
[54] **APPAREIL ET PROCEDE DE DECOUPE D'UN PANNEAU DE VITRAGE DE VEHICULE**
[72] RODGER, SCOTT DAVID, GB
[71] BELRON HUNGARY KFT-ZUG BRANCH, CH
[85] 2017-02-10
[86] 2015-10-12 (PCT/EP2015/073563)
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[30] GB (1418184.6) 2014-10-14

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[51] **Int.Cl. C08G 81/02 (2006.01) A61K 47/34 (2017.01) A61K 49/00 (2006.01)**
[25] EN
[54] **AMPHIPHILIC BLOCK COPOLYMERS FOR DELIVERY OF ACTIVE AGENTS**
[54] **COPOLYMERES SEQUENCES AMPHIPHILES POUR LA LIBERATION D'AGENTS ACTIFS**
[72] HENNINK, WILHELMUS EVERHARDUS, NL
[72] SHI, YANG, NL
[72] VAN NOSTRUM, CORNELUS FRANCISCUS, NL
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN, DE
[85] 2017-02-10
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[87] (WO2016/024861)
[30] NL (2013317) 2014-08-11

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[25] EN
[54] **FLOATING PLATFORM WITH AN ARTICULATING KEEL SKIRT**
[54] **PLATE-FORME FLOTTANTE AYANT UNE JUPE DE QUILLE ARTICULE**
[72] O'SULLIVAN, JAMES FRANCIS, FR
[72] KYOUNG, JOHYUN, FR
[71] TECHNIP FRANCE, FR
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[25] EN
[54] **AQUEOUS COPOLYMER COATING COMPOSITIONS FOR INDUSTRIAL AND CONSTRUCTION APPLICATIONS**
[54] **COMPOSITIONS AQUEUSES DE REVETEMENT DE COPOLYMERE DESTINEES A DES APPLICATIONS DE CONSTRUCTION ET INDUSTRIELLES**
[72] ERDODI, GABOR, US
[72] POURAHMADY, NASER, US
[72] YANG, YUTAO, US
[72] BIRD, JONATHAN J., US
[72] SKOFF, ISRAEL J., US
[72] ROTA, DARLENE D., US
[72] BLEVINS, LISA A., US
[72] PAJERSKI, ANTHONY D., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[86] 2015-08-07 (PCT/US2015/044118)
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[30] US (62/035,710) 2014-08-11

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[25] EN
[54] **PROPELLER SAFETY FOR AUTOMATED AERIAL VEHICLES**
[54] **SECURITE D'HELICE POUR DES VEHICULES AERIENS AUTOMATISES**
[72] BUCHMUELLER, DANIEL, US
[72] BECKMAN, BRIAN C., US
[72] NAVOT, AMIR, US
[72] PORTER, BRANDON WILLIAM, US
[72] KIMCHI, GUR, US
[72] BEZOS, JEFFREY P., US
[72] SCHAFFALITZKY, FREDERIK, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-02-10
[86] 2015-08-07 (PCT/US2015/044377)
[87] (WO2016/025341)
[30] US (62/036,071) 2014-08-11
[30] US (14/491,215) 2014-09-19

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[51] **Int.Cl. B22D 41/00 (2006.01) B22D 11/103 (2006.01)**
[25] EN
[54] **IMPACT PAD, TUNDISH AND APPARATUS INCLUDING THE IMPACT PAD, AND METHOD OF USING SAME**
[54] **SUPPORT D'IMPACT, PANIER DE COULEE ET APPAREIL INCLUANT LEDIT SUPPORT D'IMPACT, ET PROCEDE D'UTILISATION ASSOCIE**
[72] BHATTACHARYA, TATHAGATA, US
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
[85] 2017-02-10
[86] 2015-08-17 (PCT/US2015/045513)
[87] (WO2016/025948)
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[51] **Int.Cl. A61K 49/00 (2006.01) A61K 47/59 (2017.01) A61K 47/34 (2017.01) A61P 25/28 (2006.01)**
[25] EN
[54] **DENDRIMER COMPOSITIONS AND USE IN TREATMENT OF NEUROLOGICAL AND CNS DISORDERS**
[54] **COMPOSITIONS DE DENDRIMERES ET UTILISATION DANS LE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET DU SYSTEME NERVEUX CENTRAL**
[72] RANGARAMANUJAM, KANNAN, US
[72] KANNAN, SUJATHA, US
[72] NANCE, ELIZABETH, US
[72] BLUE, MARY E., US
[72] JOHNSTON, MICHAEL V., US
[72] BAUMGARTNER, WILLIAM, US
[72] ZHANG, FAN, US
[72] WILSON, MARY ANN, US
[72] SLUSHER, BARBARA, US
[71] THE JOHNS-HOPKINS UNIVERSITY, US
[71] KENNEDY KRIEGER INSTITUTE, INC., US
[85] 2017-02-10
[86] 2015-08-13 (PCT/US2015/045112)
[87] (WO2016/025745)
[30] US (62/036,839) 2014-08-13
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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **NATURAL ORIFICE SURGERY SYSTEM**
[54] **SYSTEME DE CHIRURGIE D'ORIFICE NATUREL**
[72] WACHLI, SERENE, US
[72] BRESLIN, TRACY, US
[72] SHEEHAN, ALEXANDER, US
[72] POULSEN, NIKOLAI, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2017-02-10
[86] 2015-08-14 (PCT/US2015/045201)
[87] (WO2016/025791)
[30] US (62/038,082) 2014-08-15

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **DRUG INJECTION DEVICE WITH VISUAL AND AUDIBLE INDICATORS**
[54] **DISPOSITIF D'INJECTION DE MEDICAMENT COMPORTANT DES TEMOINS VISUELS ET SONORES**
[72] SHULTZ, PETER V., US
[72] FOLK, CHRISTOPHER R., US
[72] MOESLINGER, SIGRID, US
[72] UDAGAWA, MASAMICHI, US
[72] EVANS, MOLLY, US
[72] GAO, LIN, US
[72] NUGENT, LISA, US
[71] AMGEN, INC., US
[85] 2017-02-10
[86] 2015-10-14 (PCT/US2015/055523)
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[30] US (62/063,737) 2014-10-14

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[25] EN
[54] **LOW-NOX-BURNER**
[54] **BRULEUR A FAIBLE NOX**
[72] SCHREINER, BERNHARD, DE
[72] RANGMARK, LENNART, SE
[72] EKMAN, TOMAS, SE
[72] GUSBERTI, AMBROGIO, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-02-13
[86] 2015-08-11 (PCT/EP2015/001657)
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[30] EP (14003024.8) 2014-09-02

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[13] A1
[51] **Int.Cl. B23K 31/00 (2006.01) B23K 9/02 (2006.01) B23K 10/00 (2006.01)**
[25] EN
[54] **REDUCED-DISTORTION HYBRID INDUCTION HEATING/WELDING ASSEMBLY**
[54] **ENSEMBLE DE CHAUFFAGE/SOUDAGE PAR INDUCTION HYBRIDE A DISTORSION REDUITE**
[72] JONES, JERALD EDWARD, US
[72] RHOADES, VALERIE LISA, US
[72] HOLVERSON, TODD EARL, US
[72] CUNEO, ADAM NATHAN, US
[72] MANN, MARK DIETRICH, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-02-10
[86] 2015-10-13 (PCT/US2015/055185)
[87] (WO2016/061008)
[30] US (62/063,678) 2014-10-14
[30] US (62/063,688) 2014-10-14
[30] US (62/063,698) 2014-10-14
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[25] EN
[54] **LOW-NOX-BURNER**
[54] **BRULEUR A FAIBLES NOX**
[72] SCHREINER, BERNHARD, DE
[72] RANGMARK, LENNART, SE
[72] EKMAN, TOMAS, SE
[72] GUSBERTI, AMBROGIO, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[86] 2015-08-11 (PCT/EP2015/001656)
[87] (WO2016/034263)
[30] EP (14003024.8) 2014-09-02

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[51] **Int.Cl. B67D 1/06 (2006.01) B67D 1/04 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING APPLIANCE FOR MULTIPLE CONTAINERS**
[54] **APPAREIL DE DISTRIBUTION DE BOISSON POUR RECIPIENTS MULTIPLES**
[72] VALLES, VANESSA, BE
[72] VANDEKERCKHOVE, STIJN, BE
[72] PEIRSMAN, DANIEL, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2017-02-13
[86] 2015-08-04 (PCT/EP2015/067969)
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[51] **Int.Cl. B23K 9/02 (2006.01)**
[25] EN
[54] **HIGH-PRODUCTIVITY HYBRID INDUCTION HEATING/WELDING ASSEMBLY**
[54] **ENSEMBLE DE CHAUFFAGE/SOUDAGE PAR INDUCTION HYBRIDE A HAUTE PRODUCTIVITE**
[72] JONES, JERALD EDWARD, US
[72] RHOADES, VALERIE LISA, US
[72] HOLVERSON, TODD EARL, US
[72] CUNEO, ADAM NATHAN, US
[72] MANN, MARK DIETRICH, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-02-10
[86] 2015-10-13 (PCT/US2015/055186)
[87] (WO2016/061009)
[30] US (62/063,688) 2014-10-14
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[30] US (62/063,678) 2014-10-14
[30] US (14/879,727) 2015-10-09

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[51] **Int.Cl. B67D 1/14 (2006.01) F16K 31/53 (2006.01) F16K 31/72 (2006.01)**
[25] EN
[54] **A TAP FOR DISPENDING A BEVERAGE**
[54] **ROBINET DE DISTRIBUTION DE BOISSON**
[72] VAN ROMPAEY, JOHAN, BE
[71] ANHEUSER-BUSCH INBEV SA, BE
[85] 2017-02-13
[86] 2015-08-04 (PCT/EP2015/067975)
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[54] **TAMPON DE NETTOYAGE**
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[72] GATARD, GREGORY, FR
[72] BERGLUND, DANIEL, SE
[72] HOLMBERG, MARTIN, SE
[71] AUTOTECH ENGINEERING A.I.E., ES
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[54] **METHOD FOR LASER BEAM HEAT TREATMENT OF PRESS HARDENED COMPONENTS AND PRESS HARDENED COMPONENTS**
[54] **PROCEDE DE TRAITEMENT THERMIQUE PAR FAISCEAU LASER DE COMPOSANTS DURCIS A LA PRESSE ET COMPOSANTS DURCIS A LA PRESSE**
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[71] AUTOTECH ENGINEERING A.I.E., ES
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[54] **ABUTMENT TOOL SET, AND DEVICE FOR PRODUCING TOOTH REPLACEMENTS**
[54] **KIT D'INSTRUMENTS POUR PILIERS ET DISPOSITIF DE REALISATION DE PROTHESE DENTAIRE**
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[72] PESCHKE, ARNDT, LI
[71] IVOCLAR VIVADENT AG, LI
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[54] **CONNECTION DEVICE COMPRISING SEVERAL CURVED CONCENTRIC TUBES**
[54] **DISPOSITIF DE RACCORDEMENT COMPORTANT PLUSIEURS TUBES CONCENTRIQUES CINTRES**
[72] CHABAILLE, CHRISTOPHE, FR
[72] LOVAL, SEBASTIEN, FR
[72] LELEU, BENEDICTE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **PLANCHE A ROULETTES SOUPLE A RESSORT**
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[71] HAN, SHIN-KYU, KR
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[25] EN
[54] **AN IMPROVED SEAL FOR A VACUUM MATERIAL LIFTER**
[54] **JOINT AMELIORE POUR UN APPAREIL DE LEVAGE DE MATERIAU PAR LE VIDE**
[72] DENTON, ROBERT, US
[72] PODESTA, JAMES RAY, US
[72] SOLOMON, WILLIAM, US
[71] VACUWORX GLOBAL LLC, US
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[54] **COMPOSITION COMPRENANT DES OEUFS D'ARTHROPODES**
[72] FERRERO, MAXIME, FR
[72] MAIGNET, PASCAL, FR
[72] BONHOMME, ANTOINE, FR
[71] AGROSOLUTIONS, FR
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[54] **CHARIOT DE TRANSPORT D'OBJETS OU DE CADAVRES D'ANIMAUX**
[72] MEIER, WOLFGANG, DE
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[54] **STRUCTURE EN BETON MODULAIRE**
[72] KEINDORF, CHRISTIAN, DE
[72] WAGNER, DIRK, DE
[72] LENZING, PETER, DE
[72] STAHL, MICHAEL, DE
[71] DROSSLER GMBH UMWELTTECHNIK, DE
[85] 2017-02-14
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[54] **A DEVICE AND METHOD FOR HIGH SHEAR LIQUID METAL TREATMENT**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE METAL LIQUIDE A CISAILLEMENT ELEVE**
[72] CASSINATH, ZEN, GB
[71] CASSINATH, ZEN, GB
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[54] **ACCESSORY TUNING DEVICE WITH SPRING LOCK**
[54] **DISPOSITIF DE REGLAGE D'ACCESSOIRE A VERROU A RESSORT**
[72] WARD, PETER, US
[72] CHEN, JOE, CA
[72] HARVEY, JOHN, US
[72] LIU, KEMING, US
[71] GATES CORPORATION, US
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[54] **QUATERNARY AMMONIUM HALIDES WITH ETHER FUNCTIONAL GROUPS FOR USE AS BATTERY ELECTROLYTES**
[54] **HALOGENURES D'AMMONIUM QUATERNAIRES PRESENTANT DES GROUPES FONCTIONNELS ETHERS DESTINES A ETRE UTILISES EN TANT QU'ELECTROLYTES DE BATTERIE**
[72] GE, ZHONGXIN, US
[72] MANIMARAN, THANIKAVELU, US
[72] O'DAY, JOSEPH M., US
[71] ALBEMARLE CORPORATION, US
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[54] **PROCESS FOR THE PREPARATION OF A PARTICULATE DENTAL FILLER COMPOSITION**
[54] **PROCEDE DE PREPARATION DE COMPOSITION DE CHARGE DENTAIRE PARTICULAIRE**
[72] WALZ, UWE, DE
[72] WEBER, CHRISTOPH, DE
[72] MAIER, MAXIMILIAN, DE
[71] DENTSPLY DETREY GMBH, DE
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[54] **AN AGROCHEMICAL SUSPENSION CONCENTRATE COMPRISING AN ALKOXYLATED ALCOHOL DISSOLVED IN THE AQUEOUS PHASE**
[54] **CONCENTRE EN SUSPENSION DE PRODUIT AGROCHIMIQUE COMPRENANT UN ALCOOL ALCOXYLE DISSOUS DANS LA PHASE AQUEUSE**
[72] KOLB, KLAUS, DE
[72] MARXER, KATJA, DE
[72] SIMON, ANJA, DE
[72] BERGHAUS, RAINER, DE
[71] BASF SE, DE
[85] 2017-02-14
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[25] EN
[54] **TWO-PACK HOTMELT POLYURETHANE ADHESIVE HAVING HIGH INITIAL AND FINAL STRENGTH**
[54] **ADHESIF DE POLYURETHANE A DEUX COMPOSANTS AYANT UNE RESISTANCE INITIALE ET FINALE ELEVEE**
[72] BRENNER, GABRIELE, DE
[72] DREES, BIRGIT, DE
[72] CRON, CHRISTINA, DE
[72] FUCHS, KERSTIN, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-02-14
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[25] EN
[54] **OPTICAL FIBER CABLE WITH HIGH FRICTION BUFFER TUBE CONTACT**
[54] **CABLE A FIBRES OPTIQUES PRESENTANT UN CONTACT DE TUBES TAMPONS A FROTTEMENT ELEVE**
[72] BACA, ADRA SMITH, US
[72] BRINGUIER, ANNE GERMAINE, US
[72] LAIL, JASON CLAY, US
[72] LEVANDOVSKIY, ANDREY NIKOLAYEVICH, RU
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR MODIFYING ONBOARD EVENT DETECTION AND/OR IMAGE CAPTURE STRATEGY USING EXTERNAL SOURCE DATA**
[54] **SYSTEME ET PROCEDE POUR MODIFIER UNE STRATEGIE DE CAPTURE D'IMAGE ET/OU DE DETECTION D'EVENEMENT EMBARQUEE A L'AIDE DE DONNEES SOURCES EXTERNES**
[72] NALEPKA, MICHAEL D., US
[72] OCHSENDORF, RICKY L., US
[71] TRIMBLE NAVIGATION LIMITED, US
[85] 2017-02-17
[86] 2015-08-18 (PCT/US2015/045764)
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[30] US (62/038,720) 2014-08-18
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[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **TRANSPARENT PANE WITH HEATED COATING**
[54] **PLAQUE TRANSPARENTE AVEC REVETEMENT CHAUFFANT**
[72] SCHALL, GUNTHER, DE
[72] REUL, BERNHARD, DE
[72] PHAN, DANG CUONG, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **TRACTOR-TRAILER CONNECTIONS FOR IMAGE CAPTURE DATA**
[54] **LIAISONS ENTRE UN TRACTEUR ET UNE REMORQUE POUR DES DONNEES DE CAPTURE D'IMAGE**
[72] NALEPKA, MICHAEL D., US
[72] ANGEL, JAMES W., US
[72] OCHSENDORF, RICKY L., US
[71] TRIMBLE NAVIGATION LIMITED, US
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[51] **Int.Cl. H02G 9/02 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO A CABLE GUARD CABLE RAMP OR CABLE PROTECTOR**
[54] **AMELIORATIONS APPORTEES A ET RELATIVES A UN PASSAGE DE CABLE, UNE RAMPE DE CABLE OU UN PROTEGE-CABLE**
[72] GORDON, KEITH FORBES, GB
[72] ANDERSON, RONNIE, GB
[72] HUDEC, RADOSLAV, GB
[71] TEN 47 LIMITED, GB
[85] 2017-02-20
[86] 2015-08-20 (PCT/GB2015/000250)
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/16 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HANDLING FRAUDULENT USES OF BRANDS**
[54] **SYSTEMES ET PROCEDES DE GESTION DES UTILISATIONS FRAUDULEUSES DES MARQUES**
[72] NACHENBERG, CAREY, US
[71] SYMANTEC CORPORATION, US
[85] 2017-02-20
[86] 2015-08-14 (PCT/US2015/045243)
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[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **PANE WITH AN ELECTRICAL HEATING REGION**
[54] **PLAQUE AVEC ZONE CHAUFFANTE ELECTRIQUE**
[72] SCHALL, GUNTHER, DE
[72] SCHULZ, VALENTIN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-02-20
[86] 2015-08-19 (PCT/EP2015/069001)
[87] (WO2016/034413)
[30] EP (14183518.1) 2014-09-04

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[25] EN
[54] **MEDICAL SIMULATOR HANDPIECE**
[54] **PIECE A MAIN DE SIMULATEUR MEDICAL**
[72] KARSSEN, DANIEL, NL
[72] LAMMERTSE, PIET, NL
[71] MOOG BV, NL
[85] 2017-02-21
[86] 2015-08-17 (PCT/EP2015/068868)
[87] (WO2016/026818)
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[25] EN
[54] **MEDICAL PROCEDURE SIMULATOR**
[54] **SIMULATEUR D'ACTES MEDICAUX**
[72] LAMMERTSE, PIET, NL
[72] THALEN, BERT, NL
[72] KLAASSEN, PETER, NL
[71] MOOG BV, NL
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[86] 2015-08-17 (PCT/EP2015/068869)
[87] (WO2016/026819)
[30] EP (14181950.8) 2014-08-22

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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 23/28 (2006.01)**
[25] EN
[54] **MEDICAL SIMULATOR HANDPIECE**
[54] **EMBOUT A MAIN DE SIMULATEUR MEDICAL**
[72] JONKER, ARNO, NL
[72] KARSSEN, DANIEL, NL
[72] IAKOVOU, DIMITRIS, NL
[71] MOOG BV, NL
[85] 2017-02-21
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[87] (WO2016/026821)
[30] EP (14181951.6) 2014-08-22

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[51] **Int.Cl. H02J 1/10 (2006.01) H01M 16/00 (2006.01) H02J 3/32 (2006.01) H02J 5/00 (2016.01) H02J 15/00 (2006.01)**
[25] EN
[54] **CONTROL OF MULTIPLE BATTERY GROUPS**
[54] **COMMANDE DE MULTIPLES GROUPES DE BATTERIES**
[72] VAN ZEYL, CLEMENS, AU
[72] MCKEON, BRIAN, AU
[71] EAST PENN MANUFACTURING CO., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046317)
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[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **MIXING/CLOSURE DEVICE FOR A CONTAINER**
[54] **DISPOSITIF DE MELANGE ET DE FERMETURE DESTINE A UN RECIPIENT**
[72] PRESCHE, MARTIN, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2017-02-22
[86] 2015-05-06 (PCT/EP2015/059905)
[87] (WO2015/169824)
[30] DE (10 2014 106 369.4) 2014-05-07
[30] DE (10 2014 107 547.1) 2014-05-28
[30] DE (10 2014 113 201.7) 2014-09-12

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[25] EN
[54] **A SIGNAL PROCESSING APPARATUS FOR ENHANCING A VOICE COMPONENT WITHIN A MULTI-CHANNEL AUDIO SIGNAL**
[54] **APPAREIL DE TRAITEMENT DE SIGNAUX PERMETTANT D'AMELIORER UNE COMPOSANTE VOCALE DANS UN SIGNAL AUDIO MULTICANAL**
[72] GEIGER, JURGEN, DE
[72] GROSCHE, PETER, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-02-23
[86] 2014-12-12 (PCT/EP2014/077620)
[87] (WO2016/091332)

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[51] **Int.Cl. G01N 27/00 (2006.01)**
[25] FR
[54] **METHOD FOR CHARACTERISING A SAMPLE BY MASS SPECTROMETRY IMAGING**
[54] **METHODE DE CARACTERISATION D'UN ECHANTILLON PAR IMAGERIE PAR SPECTROMETRIE DE MASSE**
[72] STAUBER, JONATHAN, FR
[72] BONNEL, DAVID, FR
[72] PAMELARD, FABIEN, FR
[72] PICARD DE MULLER, GAEL, FR
[71] IMABIOTECH, FR
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[54] **TECHNOLOGIES DE LOCALISATION CO-LOCALISEE**
[72] BELLOWS, DAVID E., US
[72] JAFFRI, REHAN K., US
[72] MARVEL, SEAN D., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2017-02-23
[86] 2015-09-16 (PCT/US2015/050416)
[87] (WO2016/048748)
[30] US (14/492,110) 2014-09-22

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[51] **Int.Cl. H02J 50/10 (2016.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) H01F 38/14 (2006.01) H01F 27/08 (2006.01)**
[25] EN
[54] **A RECEIVING DEVICE FOR RECEIVING A MAGNETIC FIELD AND FOR PRODUCING ELECTRIC ENERGY BY MAGNETIC INDUCTION, IN PARTICULAR FOR USE BY A VEHICLE**
[54] **DISPOSITIF DE RECEPTION POUR RECEVOIR UN CHAMP MAGNETIQUE ET POUR PRODUIRE DE L'ENERGIE ELECTRIQUE PAR INDUCTION MAGNETIQUE, EN PARTICULIER DESTINE A ETRE UTILISE PAR UN VEHICULE**
[72] GARCIA, FEDERICO, DE
[72] MARTINEZ PELAEZ, NESTOR, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2017-02-24
[86] 2015-08-26 (PCT/EP2015/069526)
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[30] GB (1415056.9) 2014-08-26

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[51] **Int.Cl. G01P 15/02 (2013.01) G01P 15/13 (2006.01) G01V 7/00 (2006.01)**
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[54] **MEASUREMENT OF ACCELERATION**
[54] **MESURE D'ACCELERATION**
[72] CAMPSIE, PAUL, GB
[72] HAMMOND, GILES DOMINIC, GB
[72] MIDDLEMISS, RICHARD PAUL, GB
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[54] **CAPTEUR DE TENSION DE LIGNE DE CAPACITE ISOLEE**
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[72] BARTMESS, ROBERT C., US
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[54] **PROCEDES ET APPAREIL POUR L'IMAGERIE TRIDIMENSIONNELLE (3D)**
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[72] FRECHETTE, JONATHAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **PARTITIONNEMENT A BASE D'APPRENTISSAGE POUR CODAGE VIDEO**
[72] STOBAUGH, JOHN DAVID, US
[72] RATNER, EDWARD, US
[71] LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC, US
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[72] MARANO, JOHN P., JR., US
[72] THOMPSON, STANLEY O., US
[71] VASCULAR INSIGHTS LLC, US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE COMMANDE AMELIORANT LA FIABILITE DE CABLES ELECTRIQUES A ISOLATION MINERALE**
[72] BOURGEOIS, LEE JOSEPH, US
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[85] 2017-02-24
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[54] **TESTEUR DE CABLES ET PROCEDE DE TEST D'UN CABLE A N POLES**
[72] KOHL, ANTON, AT
[72] LUCCHINI, JEAN-MARC, AT
[72] TETYCZKA, BERND, AT
[71] AVL DITEST GMBH, AT
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[54] **MATRICE DE ROUTEUR**
[72] MEYER, CHARLES S., US
[72] BUTTLE, KEN, US
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[54] **GAS WELL INTEGRITY INSPECTION SYSTEM**
[54] **SYSTEME DE CONTROLE D'INTEGRITE DE PUITS DE GAZ**
[72] BERKCAN, ERTUGRUL, US
[72] PRICE, JOHN SCOTT, US
[72] NIETERS, EDWARD JAMES, US
[72] ROSS, WILLIAM ROBERT, US
[72] BUENO, CLIFFORD, US
[72] PLOTNIKOV, YURI ALEXEYEVICH, US
[72] LEE, SUSANNE MADELINE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **IMPROVED NETWORK UTILIZATION IN POLICY-BASED NETWORKS**
[54] **UTILISATION DE RESEAU AMELIORE DANS DES RESEAUX A BASE DE REGLEMENT**
[72] KHAN, MATT A., US
[72] DAVIDSON, STEVE, US
[72] HENRY, MARK W., US
[72] SCHRECKE, GREGORY S., US
[72] WANG, MU-CHENG, US
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[25] EN
[54] **A CHAMBER WITH SHAPE MEMORY FOR ADJUSTING THE PRESSURE IN TYRES**
[54] **CHAMBRE A MEMOIRE DE FORME POUR LE REGLAGE DE LA PRESSION DANS DES PNEUS**
[72] HRABAL, FRANTISEK, CZ
[71] CODA INNOVATIONS S.R.O., CZ
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[54] **PERSONALIZED CONTEXTUAL MENU FOR INSERTING CONTENT IN A CURRENT APPLICATION**
[54] **MENU CONTEXTUEL PERSONNALISE POUR INSERTION DE CONTENU DANS UNE APPLICATION EN COURS**
[72] NAGARALU, SREE HARI, US
[72] VASU, VIJAYENDRA GOPALRAO, US
[72] RAMAN, KARTHIKEYAN, US
[72] DASARI, PAVAN KUMAR, US
[72] KONDAPALLY, RANGANATH, US
[72] BUSETTY, VENKATA SAI RAVALI, US
[72] SETHIA, NAVEEN KUMAR, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DESAMBIGUISATION D'ENTREE DE CLAVIER**
[72] BUXTON, WILLIAM A. S., US
[72] HUGHES, RICHARD L., US
[72] HINCKLEY, KENNETH P., US
[72] PAHUD, MICHEL, US
[72] SPIRIDONOVA, IRINA, US
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[54] **GENERATION AND MANAGEMENT OF COMPUTING INFRASTRUCTURE INSTANCES**
[54] **GENERATION ET GESTION D'INSTANCES D'INFRASTRUCTURES INFORMATIQUES**
[72] MORRIS, STEVEN, US
[72] BRIDGES, KEVIN, US
[72] MANELIUS, RICK, US
[71] NEW MEDIA SOLUTIONS, INC., US
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[72] QUINLAN, SEAN MICHAEL, US
[72] SOMANI, HANIFF, US
[72] MAURYA, SANJIV, US
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
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[54] **HISTORIQUES DE PRESENTATION D'APPLICATIONS SPECIFIQUES DE COMPOSANTS**
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[72] STAUBER, WILLIAM SCOTT, US
[72] MIKKOLA, PETTERI, US
[72] MORAN, KERI KRUSE, US
[72] KHOURY, ISSA Y., US
[72] DAVIS, DARREN RAY, US
[72] SHIPLEY, KENTON ALLEN, US
[72] BALASUBRAMANIAN RAMRAJPRABU, US
[72] DERKS, PATRICK, US
[72] PENDLAY, RYAN CHANDLER, US
[72] WOODS, DAVID JOHN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **REPRESENTATION DE CONTEXTE DE SYSTEME D'EXPLOITATION DANS UN MODULE DE PLATE-FORME DE CONFIANCE**
[72] THOM, STEFAN, US
[72] AIGNER, RONALD, US
[72] PAI, NAVIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **HANDEDNESS DETECTION FROM TOUCH INPUT**
[54] **DETECTION DE LA LATERALITE MANUELLE A PARTIE D'UNE ENTREE TACTILE**
[72] DUROJAIYE, OLUMUYIWA M., US
[72] ABZARIAN, DAVID, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **PRET DE RESSOURCES DE DISPOSITIF CIBLE A UN ENVIRONNEMENT INFORMATIQUE DE DISPOSITIF HOTE**
[72] KHOURY, ISSA Y., US
[72] DAVIS, DARREN RAY, US
[72] MIKKOLA, PETTERI, US
[72] THRELKELD, ELIZABETH FAY, US
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[54] **GESTION DE CALCULS POUR DES ENTITES HIERARCHIQUES**
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[72] SHAPIRO, RICHARD, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **MIGRATION DE BUREAU VIRTUEL**
[72] THOMAS, NATHAN BARTHOLOMEW, US
[72] FARRELL, EUGENE MICHAEL, US
[72] TELLVIK, ERIK JONATHON, US
[72] MEHTA, GAURANG PANKAJ, US
[72] SURYANARAYANAN, DEEPAK, US
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[54] **PRIMED JET TOILET**
[54] **TOILETTES A JET AMORCE**
[72] GROVER, DAVID, US
[72] ISHIYAMA, DAIGO, US
[72] BUCHER, CHRISTOPHE, US
[72] LE, TUAN, US
[72] MCHALE, JAMES, US
[71] AS IP HOLDCO, LLC, US
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[54] **ELECTRONIC DETONATOR LEAKAGE CURRENT RESTRICTION**
[54] **LIMITATION DE COURANT DE FUITE DE DETONATEUR ELECTRONIQUE**
[72] SCHLENTER, CRAIG CHARLES, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
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[54] **INJECTEUR DE TYPE STYLO**
[72] ROEDLE, TILMAN, DE
[72] KISTLER, TOBIAS, DE
[72] KUHNLE, SARAH, DE
[72] LIMBECK, ROLAND, DE
[71] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE
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[54] **WIRELESS ELECTRIC FIELD POWER TRANSFER SYSTEM, METHOD, TRANSMITTER AND RECEIVER THEREFOR**
[54] **SYSTEME DE TRANSFERT DE PUISSANCE DE CHAMP ELECTRIQUE SANS FIL, PROCEDE, EMETTEUR ET RECEPTEUR ASSOCIES**
[72] NYBERG, MAGNUS, CA
[72] BARTLETT, ANDREW, CA
[71] SOLACE POWER INC., CA
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[51] **Int.Cl. A61M 1/36 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **APPARATUS FOR EXTRACORPOREAL TREATMENT OF BLOOD AND METHOD OF CONTROL OF A BLOOD-WARMING DEVICE IN AN EXTRACORPOREAL BLOOD TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT EXTRACORPOREL DE SANG, ET PROCEDE DE COMMANDE DE DISPOSITIF DE RECHAUFFEMENT DE SANG DANS UN APPAREIL DE TRAITEMENT DE SANG EXTRACORPOREL**
[72] POUCHOULIN, DOMINIQUE, FR
[71] GAMBRO LUNDIA AB, SE
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[72] LEE, JUN HEE, KR
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[25] EN
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[54] **DISPOSITIF DE FILTRATION POUR SYSTEME DE VIDE CENTRAL**
[72] LIZAUCKAS, ANTHONY, US
[72] SHVETSOV, KYRYLO, US
[72] PEPE, GREGORY, US
[72] PALMERTON, DANIEL R., US
[71] BUFFALO FILTER LLC, US
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[51] **Int.Cl. H04N 17/02 (2006.01)**
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[54] **SYSTEM AND METHOD FOR CALIBRATING IMAGING MEASUREMENTS TAKEN FROM AERIAL VEHICLES**
[54] **SYSTEME ET PROCEDE POUR ETALONNER DES MESURES D'IMAGERIE PRISES A PARTIR DE VEHICULES AERIENS.**
[72] RITTER, MICHAEL, US
[72] MILTON, MICHAEL, US
[71] SLANTRANGE, INC., US
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[54] **REVETEMENT TACTILE RUGUEUX DURCISSABLE PAR RAYONNEMENT**
[72] LIN, ANSHYANG, US
[72] WITTIG, JAMES, US
[71] ACTEGA NORTH AMERICA, INC., US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE GESTION DE L'EAU**
[72] CUMMINGS, STEVE, AU
[72] FRITZSCHE, MICHAEL, DE
[72] EBERT, MARK, DE
[71] CAROMA INDUSTRIES LIMITED, AU
[71] MICAS AG, DE
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[25] EN
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[54] **RASOIR DE SECURITE MODULAIRE A ANGLE DE LAME REGLABLE**
[72] NORDSTROM, MORGAN, CA
[71] ROCKWELL RAZORS CORPORATION, CA
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[87] (WO2016/037265)
[30] US (14/484,330) 2014-09-12

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[25] EN
[54] **SYSTEM FOR MITIGATING MUSCULOSKELETAL STRESSES FROM HEAD-RELATED MOMENTS EXERTED ON A PERSON**
[54] **SYSTEME POUR ATTENUER DES CONTRAINTES MUSCULOSQUELETTIQUES, PROVENANT DE MOMENTS ASSOCIES A LA TETE, EXERCEES SUR UNE PERSONNE**
[72] HETZLER, MARKUS, CA
[72] FISCHER, STEVEN, CA
[72] REID, SUSAN, CA
[72] STEVENSON, JOAN, CA
[71] THUMBPRINT SOLUTIONS INC., CA
[85] 2017-03-07
[86] 2015-09-10 (PCT/CA2015/050877)
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[30] US (62/048,650) 2014-09-10

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[51] **Int.Cl. G06Q 40/00 (2012.01) G06F 17/30 (2006.01) G06K 9/62 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR THE AUTOMATED MANAGEMENT OF THE ACCOUNTING INFORMATION OF SMES ON THE WEB**
[54] **SYSTEME ET METHODE DE GESTION AUTOMATISEE DE L'INFORMATION COMPTABLE DES PME SUR LE WEB**
[72] CARLE, PATRICE, CA
[72] VERGE, ROBERT H., CA
[72] LESSARD, SERGE, CA
[72] NADEAU, SEBASTIEN, CA
[72] PRAIRIE, PATRICK, CA
[71] CENTRE D'EXPERTISE EN GESTION AGRICOLE, CA
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[54] **CIRCUIT DE CHARGE ET TERMINAL MOBILE**
[72] ZHANG, JIALIANG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **CIRCUIT DE CHARGE ET TERMINAL MOBILE**
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[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[25] EN
[54] **SORBENT MATERIAL FOR SEPARATING BIO-MACROMOLECULES**
[54] **MATERIAU SORBANT POUR LA SEPARATION DE BIO-MACROMOLECULES**
[72] O'HALLORAN, JONATHAN JAMES, GB
[72] HEDLEY, JOSEPH H., GB
[72] WHITEHOUSE, SAM, GB
[72] FLANAGAN, MARC, GB
[72] TYSON, JOHN, GB
[72] DIXON, RACHAEL, GB
[72] BHATT, SAM, GB
[72] CROZIER, EMILY, GB
[72] HOWELL, CHRIS, GB
[71] QUANTUMDX GROUP LIMITED, GB
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[54] **INFLATABLE AIR CUSHION WITH PRESSURE INDICATOR**
[54] **COUSSIN D'AIR GONFLABLE A INDICATEUR DE PRESSION**
[72] EGELUND, PETER, DK
[72] SOLBJERG, POUL, DK
[71] IDEEN APS, DK
[85] 2017-03-07
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[87] (WO2016/037625)
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[51] **Int.Cl. C21D 1/04 (2006.01) B62D 65/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A STRUCTURAL COMPONENT INCLUDING A THERMOMAGNETIC TEMPERING PROCESS YIELDING LOCALIZED SOFT ZONES**
[54] **PROCEDE DE PRODUCTION D'ELEMENT STRUCTURAL COMPRENANT UN PROCEDE DE TREMPE THERMOMAGNETIQUE PRODUISANT DES ZONES MOLLES LOCALISEES**
[72] WINFREE, RICHARD LEE, US
[72] STEINEBACH, EDWARD K., US
[72] JONES, MARK JUSTIN, US
[72] BRADY, JEREMIAH JOHN, US
[72] ADAMS, KENNETH RAY, US
[72] LUDTKA, GERARD M., US
[72] THERRIEN, KENNETH JAMES, US
[71] MAGNA INTERNATIONAL INC., CA
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[54] **THERMOMETER WITH WIRELESS FUNCTIONALITY**
[54] **THERMOMETRE A FONCTIONNALITE SANS FIL**
[72] SOFIA, KATHERINE, US
[72] JUHNG, LESLIE, US
[72] HAMMELL, LYNNE, US
[72] GORSICH, JAMES, US
[71] HELEN OF TROY LIMITED, BB
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[25] EN
[54] **REPEATED FED-BATCH CULTURE METHODS**
[54] **PROCEDES DE CULTURE A ECOULEMENT DISCONTINU REPETE**
[72] BERRYMAN, KEVIN, CA
[72] SUN, ZHIYONG, CA
[72] MILWAY, MICHAEL, CA
[72] VALENTINE, MERCIA, CA
[72] ARMENTA, ROBERTO E., CA
[71] MARA RENEWABLES CORPORATION, CA
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[54] **FUEL CELL SEPARATOR**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE**
[72] TANNO, FUMIO, JP
[71] NISSHINBO CHEMICAL INC., JP
[85] 2017-03-07
[86] 2015-08-06 (PCT/JP2015/072369)
[87] (WO2016/039052)
[30] JP (2014-182279) 2014-09-08

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[54] **POOL SKIMMER BASKET SYSTEM**
[54] **SYSTEME DE PANIER D'ECUMEUR DE PISCINE**
[72] SMITH, RONNIE E., US
[71] TOTALLY NEW TECHNOLOGIES LLC, US
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[51] **Int.Cl. B65F 1/14 (2006.01)**
[25] EN
[54] **MOBILE STERILIZATION APPARATUS AND METHOD FOR USING THE SAME**
[54] **APPAREIL DE STERILISATION MOBILE, ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] MAUZERALL, MICHELE, US
[72] KEENAN, MARYELLEN, US
[72] WEBB, ALEXIS, US
[71] PMBS, LLC, US
[85] 2017-03-07
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[51] **Int.Cl. F25B 27/00 (2006.01) F25D 11/00 (2006.01)**
[25] EN
[54] **REFRIGERATING DEVICE AND CONTAINER REFRIGERATING SYSTEM**
[54] **DISPOSITIF FRIGORIGENE ET SYSTEME FRIGORIGENE DE CONTENANT**
[72] MIZUMA, IKUO, JP
[71] DENSO CORPORATION, JP
[85] 2017-03-07
[86] 2015-03-28 (PCT/JP2015/004368)
[87] (WO2016/038838)
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[25] EN
[54] **FOAM, LAMINATE, AND FORMED PRODUCT**
[54] **MOUSSE, STRATIFIE ET PRODUIT FORME**
[72] UNO, TAKUMEI, JP
[72] MIKAMI, HIROKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-03-07
[86] 2015-09-09 (PCT/JP2015/075663)
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[25] EN
[54] **DRILL AND DRILL HEAD**
[54] **FOREUSE ET TETE DE FORAGE**
[72] MABUCHI MASAYUKI, JP
[72] NARUKE KOICHIRO, JP
[72] TAKAHASHI SOUHEI, JP
[72] HIBI TAKAHIRO, JP
[72] YAMAMOTO TADASHI, JP
[72] YANAGIDA KAZUYA, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2017-03-07
[86] 2015-09-28 (PCT/JP2015/077325)
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[51] **Int.Cl. H04W 8/20 (2009.01) G06F 3/01 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLICATION OPTIMIZATION AND COLLABORATION OF WEARABLE DEVICES**
[54] **PROCEDE ET APPAREIL D'OPTIMISATION D'APPLICATION ET DE COLLABORATION DE DISPOSITIFS PORTABLES**
[72] KREITZER, STUART S., US
[72] CORRETJER, JESUS F., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-03-07
[86] 2015-08-12 (PCT/US2015/044829)
[87] (WO2016/039920)
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[51] **Int.Cl. A01G 1/06 (2006.01) A01H 5/00 (2006.01) G01N 33/46 (2006.01)**
[25] EN
[54] **GRAFTED PLANT BODY AND METHOD FOR PRODUCING SAME**
[54] **CORPS VEGETAL GREFFE ET SON PROCEDE DE PRODUCTION**
[72] NOTAGUCHI, MICHITAKA, JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[85] 2017-03-07
[86] 2015-10-15 (PCT/JP2015/079118)
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[51] **Int.Cl. G09B 29/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **MAP GENERATION DEVICE**
[54] **DISPOSITIF DE PRODUCTION DE CARTE**
[72] KATOU, MANABU, JP
[72] MORIZANE, HIROTO, JP
[72] KAWAMATA, YUKIHIRO, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2017-03-07
[86] 2015-10-28 (PCT/JP2015/080410)
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[30] JP (2014-226471) 2014-11-06

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[51] **Int.Cl. F24C 7/04 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **INDUCTION DEVICE AND TEMPERATURE ADJUSTMENT METHOD**
[54] **DISPOSITIF D'INDUCTION ET PROCEDE DE REGLAGE DE TEMPERATURE**
[72] KANG, HONG-JOO, KR
[72] KO, BYUNG-HWAN, KR
[72] BAE, EUN-DAE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-03-07
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[30] KR (10-2014-0118069) 2014-09-04

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[51] **Int.Cl. E21B 33/00 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **METHODS FOR MITIGATING ANNULAR PRESSURE BUILDUP IN A WELLBORE USING MATERIALS HAVING A NEGATIVE COEFFICIENT OF THERMAL EXPANSION**
[54] **PROCEDES POUR ATTENUER L'ACCUMULATION DE PRESSION ANNULAIRE DANS UN PUITS DE FORAGE A L'AIDE DE MATERIAUX AYANT UN COEFFICIENT DE DILATATION THERMIQUE NEGATIF**
[72] FUNKHOUSER, GARY P., US
[72] LEWIS, SAMUEL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-07
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[51] **Int.Cl. G03B 21/56 (2006.01) G02B 27/01 (2006.01) G03B 21/60 (2014.01)**
[25] EN
[54] **PROJECTOR UTILIZING OPAQUE/ TRANSPARENT PROJECTION SCREEN**
[54] **PROJECTEUR UTILISANT UN ECRAN DE PROJECTION OPAQUE/TRANSPARENT**
[72] CRANE, MICHAEL W., US
[72] POVINELLI, ANTHONY J., US
[72] PILETTE, THOMAS, US
[71] MAGNA INTERNATIONAL INC., CA
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[86] 2014-05-09 (PCT/US2014/037503)
[87] (WO2014/183037)
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[51] **Int.Cl. A61F 2/16 (2006.01)**
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[54] **OPHTHALMIC IMPLANTS WITH EXTENDED DEPTH OF FIELD AND ENHANCED DISTANCE VISUAL ACUITY**
[54] **IMPLANTS OPHTALMIQUES AVEC PROFONDEUR DE CHAMP ETENDUE ET ACUITE VISUELLE A DISTANCE RENFORCEE**
[72] PINTO, CANDIDO DIONISIO, US
[72] FAY, CONSTANCE ELIZABETH, US
[71] STAAR SURGICAL COMPANY, US
[85] 2017-03-07
[86] 2015-09-08 (PCT/US2015/048961)
[87] (WO2016/040331)
[30] US (62/048,135) 2014-09-09
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[25] EN
[54] **LAWFUL INTERCEPT PROVISIONING SYSTEM AND METHOD FOR A NETWORK DOMAIN**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'INTERCEPTION LEGALE POUR UN DOMAINE DE RESEAU**
[72] BADE, KENNETH C., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-03-07
[86] 2015-09-08 (PCT/US2015/048988)
[87] (WO2016/040349)
[30] US (62/047,339) 2014-09-08

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[51] **Int.Cl. H01H 35/24 (2006.01) E21B 44/00 (2006.01) E21B 47/06 (2012.01) G01V 1/18 (2006.01) G01V 1/52 (2006.01) H01H 35/34 (2006.01) H01H 35/38 (2006.01)**
[25] EN
[54] **PRESSURE RESPONSIVE SWITCH FOR ACTUATING A DEVICE**
[54] **INTERRUPTEUR SENSIBLE A LA PRESSION POUR ACTIONNER UN DISPOSITIF**
[72] HUANG, WEI HSUAN, SG
[72] BIN MUHAMMAD MOIZUDDIN, MUHAMMAD SUBHAN, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **MEDICATION DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ADMINISTRATION DE MEDICAMENTS**
[72] STARR, ERIC W., US
[72] UPDYKE, DUSTIN D., US
[72] KORCZYNSKI, SHERRY M., US
[71] MYLAN INC., US
[85] 2017-03-07
[86] 2015-09-09 (PCT/US2015/049232)
[87] (WO2016/040512)
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[51] **Int.Cl. B65F 1/10 (2006.01)**
[25] EN
[54] **TRASHCAN SYSTEM AND RELATED METHODS OF USE**
[54] **SYSTEME DE POUBELLE ET PROCEDES D'UTILISATION ASSOCIES**
[72] HOWARD, JAMES A., US
[72] MONTAG, LORI D., US
[71] POUBELLE LLC, US
[85] 2017-03-07
[86] 2015-09-10 (PCT/US2015/049384)
[87] (WO2016/040601)
[30] US (62/048,993) 2014-09-11

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[51] **Int.Cl. F16B 23/00 (2006.01) B25B 15/00 (2006.01)**
[25] EN
[54] **TAPERED LOBULAR DRIVER AND FASTENER**
[54] **DISPOSITIF D'ENTRAINEMENT LOBULAIRE CONIQUE ET DISPOSITIF DE FIXATION**
[72] LUKES, RICHARD W., US
[72] BLAESS, DONALD K., US
[71] INFASTECH INTELLECTUAL PROPERTIES PTE. LTD, SG
[85] 2017-03-07
[86] 2015-09-11 (PCT/US2015/049574)
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[51] **Int.Cl. B32B 7/10 (2006.01) B01J 19/10 (2006.01) B32B 15/08 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **SILICONE AND POLYMER SUBSTRATE COMPOSITE MATERIALS, METHODS, AND USES OF THE SAME**
[54] **MATERIAUX COMPOSITES DE SUBSTRAT POLYMERE ET AUX SILICONES, PROCEDES, ET LEURS UTILISATIONS**
[72] BISSON, PASCAL, CA
[72] SCURTESCU, CRISTIAN, CA
[71] SMILESONICA INC., CA
[85] 2017-03-08
[86] 2015-09-16 (PCT/CA2015/050901)
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[30] US (62/050,868) 2014-09-16

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[25] EN
[54] **METHOD AND SYSTEM FOR A CARD GAME VARIANT OF A COMMUNITY-STYLE POKER GAME**
[54] **PROCEDE ET SYSTEME POUR UNE VARIANTE DE JEU DE CARTES D'UN JEU DE POKER DE TYPE A CARTES COMMUNES**
[72] TO, RITCHIE, CA
[72] TU, DENNIS, CA
[72] CHHENG, PECHSOVANN AUSTIN, CA
[71] TECHNEEK LTD., CA
[85] 2017-03-08
[86] 2015-09-02 (PCT/CA2015/050840)
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[30] US (14/486,390) 2014-09-15

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[51] **Int.Cl. B01D 53/78 (2006.01) B01D 47/06 (2006.01)**
[25] EN
[54] **ROTATIONAL FLOW AND SINK FLOW COUPLING INTEGRATED SYSTEM FOR ULTRA-CLEAN DESULPHURIZATION AND DEDUSTING AND DESULPHURIZATION AND DEDUSTING METHOD THEREFOR**
[54] **SYSTEME INTEGRE DE COUPLAGE D'ECOULEMENT ROTATIONNEL ET D'ECOULEMENT PLONGEANT POUR LA DESULFURATION ET LE DEPOUSSIERAGE ULTRA-PROPRES ET PROCEDE DE DESULFURATION ET DE DEPOUSSIERAGE S'Y RAPPORTANT**
[72] ZHANG, KAIYUAN, CN
[71] BEIJING SPC ENVIRONMENT PROTECTION TECH CO.,LTD., CN
[85] 2017-03-08
[86] 2015-02-12 (PCT/CN2015/072843)
[87] (WO2016/050030)
[30] CN (2014105138677) 2014-09-29

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[51] **Int.Cl. A23B 9/24 (2006.01) A01C 1/00 (2006.01) A01C 1/08 (2006.01) A23B 9/08 (2006.01) A23B 9/26 (2006.01)**
[25] EN
[54] **METHOD OF SANITIZING EDIBLE SEEDS, PARTICULARLY MUCILAGE PRODUCING SEEDS**
[54] **PROCEDE DE DESINFECTION DE GRAINES COMESTIBLES ET, EN PARTICULIER, DE GRAINES PRODUISANT UN MUCILAGE**
[72] MATHIEU, JOHANNES, CA
[72] DILLON, NICHOLAS, CA
[72] DAGHER, FADI, CA
[72] MICHAUD, DEVIN THOMAS, CA
[72] WHITESIDES, STEVEN KENT, CA
[71] AGRI-NEO INC., CA
[85] 2017-03-08
[86] 2015-11-13 (PCT/CA2015/051187)
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[30] CA (PCT/CA2014/051088) 2014-11-13

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[51] **Int.Cl. E04B 1/38 (2006.01) E04B 5/17 (2006.01) E04C 5/00 (2006.01) E04H 9/00 (2006.01) E04H 9/14 (2006.01) F16B 13/00 (2006.01)**
[25] EN
[54] **BUILT-UP SYSTEM, CONNECTOR THEREOF, AND METHOD OF MAKING SAME**
[54] **SYSTEME INTEGRE, SON RACCORD ET SON PROCEDE DE FABRICATION**
[72] CUERRIER AUCLAIR, SAMUEL, CA
[72] SORELLI, LUCA, CA
[72] SALENIKOVICH, ALEXANDER, CA
[71] UNIVERSITE LAVAL, CA
[85] 2017-03-08
[86] 2015-09-29 (PCT/CA2015/050976)
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[30] US (62/057,399) 2014-09-30

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[25] EN
[54] **CATALYSTS FOR OXIDATIVE COUPLING OF METHANE AND OXIDATIVE DEHYDROGENATION OF ETHANE**
[54] **CATALYSEURS POUR PROCESSUS APPLIQUES AU GAZ NATUREL**
[72] FREER, ERIK M., US
[72] SCHAMMEL, WAYNE P., US
[72] ZURCHER, FABIO R., US
[72] CIZERON, JOEL M., US
[72] HONG, JIN KI, US
[72] RUMPLECKER, ANJA, US
[72] MAURER, SAM, US
[72] GAMORAS, JOEL, US
[72] ROSENBERG, DANIEL, US
[72] SCHER, ERIK C., US
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2017-03-07
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[54] **METHOD AND SYSTEM FOR CONTROLLING INVESTMENT POSITION RISKS**
[54] **PROCEDE ET SYSTEME DE MAITRISE DES RISQUES DE POSITIONS D'INVESTISSEMENT**
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[54] **ERGONOMIC WELDING TORCH HANDLE WITH INTERCHANGEABLE GRIPS**
[54] **MANCHE ERGONOMIQUE DE CHALUMEAU DE SOUDAGE A POIGNEES INTERCHANGEABLES**
[72] DANIELS, JONATHAN A., US
[72] REDDING, GLENN, US
[72] FLEISCHMANN, ROSS, US
[71] VICTOR EQUIPMENT COMPANY, US
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[54] **SOLUBILIZED ENZYME AND USES THEREOF**
[54] **ENZYME SOLUBILISEE ET UTILISATIONS DE CELLE-CI**
[72] MEDOFF, MARSHALL, US
[72] KREDER, NATASHA, US
[72] LYNCH, JAMES, US
[72] LANDRY, SEAN, US
[72] YOSHIDA, AIICHIRO, US
[72] PANGILINAN, DESIREE, US
[72] MASTERMAN, THOMAS CRAIG, US
[71] XYLECO, INC., US
[85] 2017-03-07
[86] 2015-09-25 (PCT/US2015/052200)
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[54] **METHODS FOR TREATING AND PREVENTING OCULAR DISEASES, DISORDERS, AND CONDITIONS WITH MELANIN AND MELANIN ANALOGS, PRECURSORS, AND DERIVATIVES**
[54] **PROCEDES DE TRAITEMENT ET DE PREVENTION DE MALADIES, DE TROUBLES ET D'AFFECTIONS OCULAIRES AVEC DE LA MELANINE ET DES ANALOGUES, DES PRECURSEURS, ET DES DERIVES DE MELANINE**
[72] SOLIS HERRERA, ARTURO, MX
[71] SOLIS HERRERA, ARTURO, MX
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[86] 2015-09-08 (PCT/IB2015/001570)
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[54] **MOTOR TASK ANALYSIS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE TACHE MOTRICE**
[72] KONTSCHIEDER, PETER, GB
[72] DORN, JONAS, CH
[72] ZIKIC, DARKO, GB
[72] CRIMINSI, ANTONIO, GB
[72] DAHLKE, FRANK KURT, CH
[71] NOVARTIS AG, CH
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[54] **NOVEL METHOD OF SHIELDING HOT SURFACE AND IMROVING PANEL HEATERS**
[54] **NOUVEAU PROCEDE DE PROTECTION DE SURFACE CHAUDE ET D'AMELIORATION DE PANNEAUX CHAUFFANTS**
[72] VANGALA, PATTABHI, IN
[71] VANGALA, PATTABHI, IN
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[54] **SYSTEM AND METHOD FOR PER-VIEWING AND PER-TIMEFRAME COMMERCE**
[54] **SYSTEME ET PROCEDE DE COMMERCE PAR VISUALISATION ET PAR BASE DE TEMPS**
[72] FERRER, JULIO, US
[71] FERRER, JULIO, US
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[54] **AGROCHEMICAL DELIVERY SYSTEM BASED ON ENZYME- OR PH- RESPONSIVE AMPHIPHILIC PEG-DENDRON HYBRIDS**
[54] **SYSTEME D'ADMINISTRATION AGROCHIMIQUE BASE SUR DES HYBRIDES PEG-DENDRON AMPHIPHILES REAGISSANT AUX ENZYMES OU AU PH**
[72] AMIR, ROEY JACOB, IL
[72] BUZHOR, MARINA, IL
[72] HARNOY, ASSAF JOSEF, IL
[72] ROSENBAUM, IDO, IL
[72] FRID, LIAT, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
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[54] **MECHANISM FOR DISPENSING PILLS FROM AN ARRAY-TYPE PACKAGE**
[54] **MECANISME DE DISTRIBUTION DE PILULES A PARTIR D'UN CONDITIONNEMENT DE TYPE GROUPEMENT**
[72] FAGEN, TERRY, CA
[72] EL-ADLY, HESHAM, CA
[72] GAGNON-TREMBLAY, DOMINIC, CA
[72] ARCHAMBAULT, MARC-ANTOINE, CA
[71] MEDIPENSE INC., CA
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[25] EN
[54] **IONIC POLYMER MEMBRANE FOR A CARBON DIOXIDE ELECTROLYZER**
[54] **MEMBRANE POLYMERE IONIQUE POUR UN ELECTROLYSEUR DE DIOXYDE DE CARBONE**
[72] MATTHEWS, TYLER S., US
[72] HAMROCK, STEVEN J., US
[72] KAPLUN, MARINA M., US
[72] LEWINSKI, KRZYSZTOF A., US
[72] LUOPA, SEAN M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS OF PROTECTING ELECTROLYSIS CELL SIDEWALLS**
[54] **SYSTEMES ET PROCEDES DE PROTECTION DES PAROIS DE CELLULES D'ELECTROLYSE**
[72] LIU, XINGHUA, US
[72] WARD, JEFFREY R., US
[72] WEIRAUCH, DOUGLAS A., JR., US
[72] PHELPS, FRANKIE E., US
[72] DYNYS, JOSEPH M., US
[72] KERKHOFF, JONELL M., US
[72] DIMILIA, ROBERT A., US
[71] ALCOA USA CORP., US
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[54] **CRYSTALLINE FORMS OF AN NK-1 ANTAGONIST**
[54] **FORMES CRISTALLINES D'UN ANTAGONISTE DES RECEPTEURS NK-1**
[72] BACILIERI, CHRISTIAN, CH
[72] FRASCA, GIONATA, CH
[71] HELSINN HEALTHCARE SA, CH
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[25] EN
[54] **SYSTEMS AND METHODS OF PROTECTING ELECTROLYSIS CELL SIDEWALLS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PROTEGER DES PAROIS LATERALES DE CELLULE D'ELECTROLYSE**
[72] LIU, XINGHUA, US
[72] DIMILIA, ROBERT A., US
[72] DYNYS, JOSEPH M., US
[72] MARTELLO, JEFFREY S., US
[71] ALCOA USA CORP., US
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[54] **DISPOSITIF DE COMMANDE ET METHODE DE COMMANDE DE VEHICULE**
[72] KUMADA, MITSUNORI, JP
[72] TOYOTA, RYOHEY, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF**
[54] **STEROIDES NEUROACTIFS, LEURS COMPOSITIONS ET UTILISATIONS**
[72] KANES, STEPHEN JAY, US
[72] COLQUHOUN, HELEN, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048937)
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[25] EN
[54] **DEVICE FOR FIXING BIOLOGICAL SOFT TISSUE, AND METHOD FOR PRODUCING SAME**
[54] **DISPOSITIF POUR FIXER UN TISSU MOU BIOLOGIQUE, ET SON PROCEDE DE PRODUCTION**
[72] MUKAI, TOSHIJI, JP
[72] IKEO, NAOKO, JP
[72] GU, EISEI, JP
[72] FUKUMOTO, TAKUMI, JP
[72] YABUUCHI, HIKARU, JP
[71] NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, JP
[85] 2017-03-08
[86] 2015-09-09 (PCT/JP2015/004596)
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[25] EN
[54] **METHOD OF MANUFACTURING ENTERIC SEAMLESS SOFT CAPSULE**
[54] **METHODE DE FABRICATION DE CAPSULE SOUPLE SANS COUTURE ENTERIQUE**
[72] MASUDA, KOJI, JP
[72] NISHIMURA, NAOKI, JP
[72] HAYANO, AKIHIKO, JP
[72] SHIMOKAWA, YOSHIYUKI, JP
[72] KATO, KENJI, JP
[71] FUJI CAPSULE CO., LTD., JP
[85] 2017-03-08
[86] 2015-10-06 (PCT/JP2015/005081)
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[25] EN
[54] **METHODS OF TRETAING PULMONARY SARCOIDOSIS**
[54] **METHODES DE TRAITEMENT DE SARCOIDOSE PULMONAIRE**
[72] BURNS, BARRY, US
[71] GOTHAM BIOPHARMACEUTICALS, INC., US
[85] 2017-03-08
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[25] EN
[54] **SOLUBILITY ENHANCEMENT FOR HYDROPHOBIC DRUGS**
[54] **AMELIORATION DE LA SOLUBILITE POUR DES MEDICAMENTS HYDROPHOBES**
[72] IKEDA, MASAYUKI, IE
[72] SIVADAS, NEERAJ, IE
[72] NOLAN, FRANK, IE
[71] FREUND PHARMATEC LTD., IE
[85] 2017-03-08
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[25] EN
[54] **SOLUTION DELIVERY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DISTRIBUTION DE SOLUTION**
[72] CHANG, BYEONG SEON, US
[71] CHANG, BYEONG SEON, US
[85] 2017-03-08
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[51] **Int.Cl. F16L 55/16 (2006.01)**
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[54] **PELLET COMPOSITIONS, KITS, AND METHODS FOR SEALING LEAKS**
[54] **COMPOSITIONS DE PASTILLES, TROUSSES, ET PROCEDES POUR ETANCHER DES FUITES**
[72] KALAGHER, THOMAS G., US
[72] MATHEWS, JOSEPH, US
[72] TURNER, EDWARD T. (DECEASED), US
[71] PRESTONE PRODUCTS CORPORATION, US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048824)
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[51] **Int.Cl. A61K 9/52 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **METHOD OF MANUFACTURING ENTERIC SOFT CAPSULE**
[54] **METHODE DE FABRICATION DE CAPSULE SOUPLE ENTERIQUE**
[72] WATANABE, KAZUHIKO, JP
[72] HASEGAWA, HIROAKI, JP
[72] INABA, NAHONORI, JP
[72] SHIMOKAWA, YOSHIYUKI, JP
[72] KATO, KENJI, JP
[71] FUJI CAPSULE CO., LTD., JP
[85] 2017-03-08
[86] 2015-10-06 (PCT/JP2015/005083)
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[54] **CHEWING GUM COMPOSITIONS COMPRISING MULTIPLE SWEETENERS**
[54] **COMPOSITIONS DE GOMME A MACHER COMPRENANT DES EDULCORANTS MULTIPLES**
[72] HSU, CHIA-HUA, US
[72] BARKALOW, DAVID G., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2017-03-08
[86] 2015-09-09 (PCT/US2015/049113)
[87] (WO2016/040433)
[30] US (62/049,507) 2014-09-12

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[54] **A CONTROL VALVE TO PERMIT ADJUSTABILITY OF A SHOCK ABSORBER**
[54] **SOUPAPE DE COMMANDE PERMETTANT LE REGLAGE D'UN AMORTISSEUR**
[72] MURPHY, DARREN W., US
[71] PUSH INDUSTRIES INCORPORATED, US
[85] 2017-03-08
[86] 2015-09-09 (PCT/US2015/049149)
[87] (WO2016/040456)
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[25] EN
[54] **COMPOSITIONS AND METHODS OF USING INTERLEUKIN-4 INDUCED GENE 1 (IL4I1)**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE L'IL4I1 (INTERLEUKINE-4 INDUCED GENE 1)**
[72] HUANG, JEFFREY, US
[71] GEORGETOWN UNIVERSITY, US
[85] 2017-03-08
[86] 2015-09-09 (PCT/US2015/049196)
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[30] US (62/048,781) 2014-09-10

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[25] EN
[54] **CATIONICALLY CURABLE BENZOXAZINE COMPOSITIONS**
[54] **COMPOSITIONS DE BENZOXAZINE DURCISSABLES PAR VOIE CATIONIQUE**
[72] LEON, JEFFREY, US
[72] CHAMPAGNE, TIMOTHY M., US
[72] CHEN, YU, US
[72] KILLORAN, JOHN, IE
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-03-08
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[54] **POWDER COMPRISING HYDROLYZABLE RESIN PARTICLES**
[54] **POUDRE COMPRENANT DES PARTICULES DE RESINE HYDROLYSABLE**
[72] YOSHIKAWA, SEISHI, JP
[72] YAMADA, TOSHIKI, JP
[72] KATAYAMA, TSUTAKI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2017-03-08
[86] 2015-08-11 (PCT/JP2015/072727)
[87] (WO2016/039061)
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[25] EN
[54] **CYTOTOXICITY-INDUCING THERAPEUTIC AGENT**
[54] **AGENT THERAPEUTIQUE INDUISANT UNE CYTOTOXICITE**
[72] NEZU, JUNICHI, JP
[72] NARITA, ATSUSHI, JP
[72] ISHIGURO, TAKAHIRO, JP
[72] SAKURAI, MIKA, JP
[72] SHIRAIWA, HIROTAKE, JP
[72] HIRONIWA, NAOKA, JP
[72] IGAWA, TOMOYUKI, JP
[72] KAWAI, YUMIKO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2017-03-08
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[87] (WO2016/047722)
[30] JP (2014-197315) 2014-09-26

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[51] **Int.Cl. A47G 9/02 (2006.01) A47C 31/11 (2006.01)**
[25] EN
[54] **COVER WITH VERTICALLY STRETCHABLE SIDE PANELS AND HORIZONTALLY STRETCHABLE CORNER PANELS**
[54] **COUVERCLE A PANNEAUX LATERAUX VERTICALEMENT EXTENSIBLES ET A PANNEAUX D'ANGLE HORIZONTALEMENT EXTENSIBLES**
[72] PAWLIKOWSKI, SUSAN S., US
[72] MILLER, BRENDA K., US
[71] FOCUS PRODUCTS GROUP INTERNATIONAL, LLC, US
[85] 2017-03-08
[86] 2015-09-10 (PCT/US2015/049433)
[87] (WO2016/040637)
[30] US (14/484,889) 2014-09-12

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[25] EN
[54] **NOVEL PEPTIDE AND USE THEREOF**
[54] **NOUVEAU PEPTIDE ET UTILISATION ASSOCIEE**
[72] NAKAGAMI, HIRONORI, JP
[72] MORISHITA, RYUICHI, JP
[72] KORIYAMA, HIROSHI, JP
[72] TENMA, AKIKO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-03-08
[86] 2015-09-25 (PCT/JP2015/077139)
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[25] EN
[54] **PEPTIDE MICROARRAYS AND NOVEL BIOMARKERS FOR CELIAC DISEASE**
[54] **MICRORESEAUX DE PEPTIDES ET NOUVEAUX BIOMARQUEURS POUR LA MALADIE C□LIAQUE**
[72] RAJASEKARAN, JOHN J., US
[72] JAYARAMAN, VASANTH, US
[72] BEI, KANG, US
[72] WANG, TIANHAO, US
[72] KRISHNA, KARTHIK, US
[72] KRISHNAMURTHY, HARI KRISHNAN, US
[71] VIBRANT HOLDINGS, LLC, US
[85] 2017-03-08
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[87] (WO2016/040703)
[30] US (62/048,537) 2014-09-10

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[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **USE OF A LONG ACTING GLP-1/GLUCAGON RECEPTOR DUAL AGONIST FOR THE TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **UTILISATION D'AGONISTE DOUBLE DE RECEPTEUR DE GLP-1/GLUCAGON A ACTION PROLONGEE PERMETTANT LE TRAITEMENT DE STEATOSE HEPATIQUE NON-ALCOOLIQUE**
[72] HWANG, SANG YOUN, KR
[72] KIM, JIN YOUNG, KR
[72] KIM, SEUNG SU, KR
[72] CHOI, IN YOUNG, KR
[72] JUNG, SUNG YOUB, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2017-03-08
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[87] (WO2016/043533)
[30] KR (10-2014-0122862) 2014-09-16

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[51] **Int.Cl. C09K 8/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE AQUEOUS-PHASE POLYMER FLUID FOR DRILLING WELLBORES IN LOW-GRADIENT FORMATIONS**
[54] **FLUIDE POLYMERE A HAUTE PERFORMANCE EN PHASE AQUEUSE, POUR LE FORAGE DE PUITS EN FORMATIONS DE FAIBLE PENTE**
[72] FERRUSQUIA HERNANDEZ, CARLOS, MX
[71] TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V., MX
[85] 2017-03-08
[86] 2015-09-08 (PCT/MX2015/000124)
[87] (WO2016/039611)
[30] MX (MX/a/2014/010736) 2014-09-08

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 9/45 (2006.01) G06F 17/24 (2006.01) G06F 17/27 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATICALLY DISPLAYING PAGES OF A DIGITAL EDITION AND COMPUTER IMPLEMENTED METHOD FOR SAME**
[54] **SYSTEME D'AFFICHAGE AUTOMATIQUE DE PAGES D'UNE EDITION NUMERIQUE ET PROCEDE ASSOCIE MIS EN □UVRE PAR ORDINATEUR**
[72] DEMERS, CHARLE, CA
[72] BEREJEB, ANIS, CA
[71] NUGLIF INC., CA
[85] 2017-03-07
[86] 2014-11-20 (PCT/CA2014/051108)
[87] (WO2016/077910)

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[13] A1
[51] **Int.Cl. B01F 7/00 (2006.01) C09K 8/04 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A HIGH-PERFORMANCE AQUEOUS-PHASE POLYMER FLUID AND SYSTEM FOR DRILLING WELLBORES IN LOW-GRADIENT FORMATIONS**
[54] **PROCEDE DE FORMULATION D'UN FLUIDE POLYMERE A HAUTE PERFORMANCE EN PHASE AQUEUSE, ET SYSTEME POUR LE FORAGE DE PUITS EN FORMATIONS DE FAIBLE PENTE**
[72] FERRUSQUIA HERNANDEZ, CARLOS, MX
[71] TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V., MX
[85] 2017-03-08
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[30] MX (MX/a/2014/010735) 2014-09-08

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[51] **Int.Cl. H02M 1/14 (2006.01) H02M 7/04 (2006.01) G05B 11/42 (2006.01)**
[25] EN
[54] **HIGH-POWER SINGLE-STAGE LED DRIVER WITH BIPOLAR RIPPLE CANCELLATION**
[54] **PILOTE DE DIODE ELECTROLUMINESCENTE A ETAGE UNIQUE A SUPPRESSION D'ONDULATION BIPOLAIRE**
[72] QIU, YAJIE, CA
[72] LIU, YAN-FEI, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2017-03-07
[86] 2015-09-11 (PCT/CA2015/050880)
[87] (WO2016/037287)
[30] US (62/049,418) 2014-09-12

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[51] **Int.Cl. C22C 38/44 (2006.01) C22C 38/48 (2006.01)**
[25] EN
[54] **A STEEL FOR A LEAD COOLED REACTOR**
[54] **ACIER POUR REACTEUR REFROIDI AU PLOMB**
[72] SZAKALOS, PETER, SE
[72] EJENSTAM, JESPER, SE
[72] WALLENIUS, JANNE, SE
[71] BLYKALLA REAKTORER STOCKHOLM AB, SE
[85] 2017-03-08
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[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **ROCK BOLT TO BE EMBEDDED IN A FIXING MATERIAL, IN A BORE HOLE**
[54] **BOULON D'ANCRAGE DESTINE A ETRE INCORPORE DANS UN MATERIAU DE FIXATION, DANS UN TROU DE FORAGE**
[72] KREKULA, HAKAN, SE
[72] ERIKSSON, LEIF, SE
[71] NORTHERN MINING PRODUCTS AB, SE
[85] 2017-03-08
[86] 2015-09-22 (PCT/SE2015/050985)
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[30] SE (1451130-7) 2014-09-25

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61M 1/06 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR ASSESSING MILK VOLUME EXPRESSED FROM A BREAST**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EVALUATION DE VOLUME DE LAIT EXPRIME A PARTIR D'UN SEIN**
[72] MAKOWER, JOSHUA, US
[72] CHANG, JOHN Y., US
[72] BENDER, THEODORE M., US
[72] DONOHOE, BRENDAN M., US
[71] EXPLORAMED NC7, INC., US
[85] 2017-03-07
[86] 2015-09-16 (PCT/US2015/050340)
[87] (WO2016/044368)
[30] US (62/050,902) 2014-09-16
[30] US (62/062,232) 2014-10-10

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[51] **Int.Cl. H01R 13/6594 (2011.01)**
[25] EN
[54] **AN ENHANCED SAFETY SERIAL BUS CONNECTOR**
[54] **CONNECTEUR DE BUS SERIE A SECURITE AMELIOREE**
[72] SMITH, BRIAN T., US
[72] DESHPANDE, ATUL VASANT, IN
[72] MANSFIELD, WILLIAM M., US
[72] JAMES, CLAYTON T., US
[72] SHANAHAN, SHAUN E., US
[71] MICRO MOTION, INC., US
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[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING SULFIDE STRESS CRACKING OF METALS**
[54] **PROCEDE D'INHIBITION DE LA FISSURATION DE METAUX SOUS CONTRAINTE DUE AUX SULFURES D'HYDROGENE**
[72] CHEN, GONG, US
[72] CASSIDY, JUANITA, US
[72] LANE, JIM L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-08
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **BREAKABLE BALL FOR WELLBORE OPERATIONS**
[54] **BILLE RUPTURABLE POUR OPERATIONS DE PUITS DE FORAGE**
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-08
[86] 2014-10-17 (PCT/US2014/061243)
[87] (WO2016/060692)

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[13] A1
[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **WEATHER BARRIER APPARATUSES FOR SEALING OR SHELTERING VEHICLES AT LOADING DOCKS**
[54] **APPAREILS SERVANT DE BARRIERE CONTRE LES INTEMPERIES POUR FERMER HERMETIQUEMENT OU ABRITER DES VEHICULES STATIONNES SUR DES QUAIS DE CHARGEMENT**
[72] DIGMANN, CHARLES, US
[72] HOFFMANN, DAVID J., US
[72] BORGERDING, GARY, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2017-03-08
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[87] (WO2016/039790)
[30] US (14/483,956) 2014-09-11

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[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **OPTIMIZED PRODUCTION VIA GEOLOGICAL MAPPING**
[54] **PRODUCTION OPTIMISEE VIA UNE CARTOGRAPHIE GEOLOGIQUE**
[72] DONDERICI, BURKAY, US
[72] ISKANDER, FADY ADEL MAURICE, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-08
[86] 2015-07-30 (PCT/US2015/042961)
[87] (WO2016/057103)
[30] US (62/062,451) 2014-10-10

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[51] **Int.Cl. F16J 1/00 (2006.01) F16J 9/00 (2006.01)**
[25] EN
[54] **PISTON ARRANGEMENT**
[54] **AGENCEMENT DE PISTON**
[72] COLEMAN, TIMOTHY S., CA
[72] STOCKNER, ALAN R., US
[72] COLDREN, DANA R., US
[71] WESTPORT POWER INC., CA
[85] 2017-03-08
[86] 2015-09-04 (PCT/CA2015/050859)
[87] (WO2016/037270)
[30] US (62/047,635) 2014-09-08

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[51] **Int.Cl. E21B 47/22 (2012.01) E21B 1/28 (2006.01) E21B 4/14 (2006.01) E21B 7/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CREATING TUNABLE PRESSURE PULSE**
[54] **APPAREIL ET PROCEDE POUR CREER UNE IMPULSION DE PRESSION ACCORDABLE**
[72] CAMPBELL, JOSH, CA
[71] ANDERSON, CHARLES ABERNETHY, CA
[85] 2017-03-07
[86] 2014-09-19 (PCT/CA2014/000701)
[87] (WO2016/041049)

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[13] A1
[51] **Int.Cl. B24C 5/06 (2006.01)**
[25] EN
[54] **CONTROL CAGE ASSEMBLY FOR CENTRIFUGAL BLAST WHEEL MACHINE**
[54] **ENSEMBLE CAGE DE COMMANDE DESTINE A UNE MACHINE A ROUE DE PROJECTION CENTRIFUGE**
[72] BITZEL, RAYMOND PAUL, JR., US
[72] WRUCK, JURGEN, DE
[71] WHEELABRATOR GROUP LIMITED, GB
[85] 2017-03-08
[86] 2014-09-09 (PCT/US2014/054687)
[87] (WO2016/039727)

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[13] A1
[51] **Int.Cl. C07H 15/18 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **HUMAN INKT CELL ACTIVATION USING GLYCOLIPIDS**
[54] **ACTIVATION DES CELLULES INKT HUMAINES PAR DES GLYCOLIPIDES**
[72] WONG, CHI-HUEY, US
[72] YU, ALICE L., TW
[72] LIN, KUN-HSIEN, TW
[72] WU, TAI-NA, TW
[71] ACADEMIA SINICA, TW
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/049014)
[87] (WO2016/040369)
[30] US (62/047,602) 2014-09-08

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **ENHANCED SEARCH QUERY SUGGESTIONS**
[54] **SUGGESTIONS D'INTERROGATIONS DE RECHERCHE AMELIOREES**
[72] SOMAIYA, MANAS HARIBHAI, US
[72] MUKHERJEE, RAJYASHREE, US
[72] MISHRA, SHRISH, US
[72] SU, FANG-HSIANG, US
[71] EBAY INC., US
[85] 2017-03-08
[86] 2015-08-28 (PCT/US2015/047460)
[87] (WO2016/040013)
[30] US (62/049,271) 2014-09-11
[30] US (14/818,034) 2015-08-04

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[51] **Int.Cl. G06K 9/18 (2006.01)**
[25] EN
[54] **METHODS AND A SYSTEM FOR VERIFYING THE AUTHENTICITY OF A MARK**
[54] **PROCEDES ET SYSTEME DE VERIFICATION DE L'AUTHENTICITE D'UNE MARQUE**
[72] SOBORSKI, MICHAEL L., US
[71] SYS-TECH SOLUTIONS, INC., US
[85] 2017-03-08
[86] 2015-09-22 (PCT/US2015/051517)
[87] (WO2016/049062)
[30] US (62/053,905) 2014-09-23
[30] US (14/561,215) 2014-12-04

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[13] A1
[51] **Int.Cl. B23D 45/04 (2006.01)**
[25] EN
[54] **FOLDABLE MITER SAW AND FOLDABLE METHOD OF MITER SAW**
[54] **SCIE A ONGLET PLIABLE ET PROCEDE DE PLIAGE DE SCIE A ONGLET**
[72] LIN, JU ZHEN, TW
[72] KUO, YA PIN, TW
[71] REXON INDUSTRIAL CORP., LTD., TW
[85] 2017-03-08
[86] 2015-09-09 (PCT/US2015/049147)
[87] (WO2016/040455)
[30] US (62/048,442) 2014-09-10
[30] TW (103131612) 2014-09-12

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[51] **Int.Cl. B01D 61/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING IMMISCIBLE LIQUIDS TO EFFECTIVELY ISOLATE AT LEAST ONE OF THE LIQUIDS**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE LIQUIDES IMMISCIBLES, PERMETTANT D'ISOLER EFFICACEMENT AU MOINS L'UN DES LIQUIDES**
[72] VERMAAS, ERIC HANS, US
[72] HAGE, MATTHEW, US
[71] ILLUMINA, INC., US
[85] 2017-03-08
[86] 2015-10-09 (PCT/US2015/054985)
[87] (WO2016/057950)
[30] US (62/062,134) 2014-10-09

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[13] A1
[51] **Int.Cl. B67D 1/04 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER**
[54] **DISTRIBUTEUR DE BOISSON**
[72] REGE, EVAN CHRISTOPHER, US
[72] HUFF, SHAWN LELAND, US
[72] SONNICHSEN, BRIAN EDWARD, US
[71] GROWLERWERKS, INC., US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/049005)
[87] (WO2016/040362)
[30] US (62/047,594) 2014-09-08
[30] US (62/085,228) 2014-11-26
[30] US (62/146,858) 2015-04-13

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[51] **Int.Cl. A61K 35/00 (2006.01) C07D 241/04 (2006.01) C07D 333/22 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01) C07D 405/10 (2006.01) C07D 407/10 (2006.01) C07D 409/04 (2006.01) C07D 409/10 (2006.01) C07D 409/14 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07H 19/056 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **IN VITRO COMPOSITIONS COMPRISING HUMAN SAMPLE AND AMYLOID TARGETING AGENT**
[54] **COMPOSITIONS IN VITRO COMPRENANT UN ECHANTILLON HUMAIN ET UN AGENT CIBLANT LES SUBSTANCES AMYLOIDES**
[72] SARRAF, STELLA, US
[71] AMYDIS DIAGNOSTICS, INC., US
[85] 2017-03-08
[86] 2015-09-11 (PCT/US2015/049825)
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[30] US (62/049,948) 2014-09-12

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[51] **Int.Cl. C25B 3/10 (2006.01) C07C 1/20 (2006.01) C07C 4/00 (2006.01) C07C 5/22 (2006.01) C07C 6/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF HYDROCARBONS BY KOLBE DECARBOXYLATION OF A MIXTURE OF SATURATED AND UNSATURATED FATTY ACIDS**
[54] **PRODUCTION D'HYDROCARBURES PAR DECARBOXYLATION PAR REACTION DE KOLBE D'UN MELANGE D'ACIDES GRAS SATURES ET INSATURES**
[72] MALEVICH, DZMITRY, CA
[72] GIBSON, GRAHAM, CA
[71] ADVONEX INTERNATIONAL CORP., CA
[85] 2017-03-09
[86] 2015-09-15 (PCT/CA2015/050888)
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[30] US (62/050,198) 2014-09-15

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/711 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **ALLELE-SPECIFIC THERAPY FOR HUNTINGTON DISEASE HAPLOTYPES**
[54] **THERAPIE ALLELE-SPECIFIQUE POUR LES HAPLOTYPES DE LA MALADIE D'HUNTINGTON**
[72] CARON, NICHOLAS S., CA
[72] HAYDEN, MICHAEL R., CA
[72] KAY, CHRISTOPHER, CA
[72] SOUTHWELL, AMBER L., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-03-09
[86] 2015-09-18 (PCT/CA2015/000501)
[87] (WO2016/041058)
[30] US (62/052,282) 2014-09-18
[30] US (62/191,144) 2015-07-10

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[13] A1
[51] **Int.Cl. C07D 211/94 (2006.01) A61K 31/4412 (2006.01) A61K 31/4427 (2006.01) A61P 1/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 217/24 (2006.01) C07D 239/22 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AS REARRANGED DURING TRANSFECTION (RET) INHIBITORS**
[54] **NOUVEAUX COMPOSES UTILISES COMME INHIBITEURS DE LA KINASE REARRANGEE AU COURS DE LA TRANSFECTION (RET)**
[72] CHEUNG, MUI, US
[72] DEMARTINO, MICHAEL P., US
[72] EIDAM, HILARY SCHENCK, US
[72] GUAN, HUIPING AMY, CN
[72] QIN, DONGHUI, US
[72] WU, CHENGDE, CN
[72] GONG, ZHEN, CN
[72] YANG, HAIYING, CN
[72] YU, HAIYU, CN
[72] ZHANG, ZHILIU, CN
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-03-09
[86] 2015-09-10 (PCT/CN2015/089332)
[87] (WO2016/037578)
[30] CN (PCT/CN2014/000834) 2014-09-10

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[13] A1
[51] **Int.Cl. G02B 6/293 (2006.01) H04J 14/02 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL INTEGRATED OPTICAL WAVELENGTH DIVISION MULTIPLEXING/DEMULTIPLEXI NG ASSEMBLY STRUCTURE**
[54] **STRUCTURE OPTIQUE INTEGREE MULTIVOIE A ENSEMBLE DE MULTIPLEXAGE/DEMULTIPLEX AGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] LIN, XUEFENG, CN
[72] HU, BAIQUAN, CN
[72] LIU, CHENGGANG, CN
[72] YU, XIANGHONG, CN
[71] WUHAN TELECOMMUNICATION DEVICES CO., LTD., CN
[85] 2017-03-09
[86] 2014-12-19 (PCT/CN2014/094329)
[87] (WO2015/188606)
[30] CN (201410255328.8) 2014-06-11

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[13] A1
[51] **Int.Cl. A61K 31/445 (2006.01)**
[25] EN
[54] **PROCESSES AND INTERMEDIATES IN THE PREPARATION OF C5AR ANTAGONISTS**
[54] **PROCEDES ET INTERMEDIAIRES UTILISES DANS LA PREPARATION D'ANTAGONISTES DE C5AR**
[72] FAN, PINGCHEN, US
[72] KALISIAK, JAROSLAW, US
[72] KRASINSKI, ANTONI, US
[72] LUI, REBECCA, US
[72] POWERS, JAY, US
[72] PUNNA, SREENIVAS, US
[72] TANAKA, HIROKO, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2017-03-08
[86] 2015-09-28 (PCT/US2015/052697)
[87] (WO2016/053890)
[30] US (62/057,107) 2014-09-29

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[13] A1
[51] **Int.Cl. H04B 1/00 (2006.01)**
[25] EN
[54] **RADIO RECEIVER FOR CARRIER AGGREGATION**
[54] **RECEPTEUR RADIO POUR AGREGATION DE PORTEUSES**
[72] NILSSON, MAGNUS, SE
[72] JAKOBSSON, PETER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-03-09
[86] 2014-09-10 (PCT/EP2014/069280)
[87] (WO2016/037649)

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[13] A1
[51] **Int.Cl. A01N 43/38 (2006.01) A01N 25/00 (2006.01) A01N 37/00 (2006.01) A01N 47/28 (2006.01) A01N 59/08 (2006.01) A01N 59/16 (2006.01) A01P 13/02 (2006.01)**
[25] FR
[54] **ACID FOR CONTROLLING UNWANTED PLANTS**
[54] **AGENTS DE CONTROLE DE PLANTES INDESIRABLES**
[72] TALBOT, PIERRE, CA
[72] BELANGER, ALAIN, CA
[72] KANELLOS, GEORGE, CA
[72] PURCELL, SHAUN, CA
[72] LEFEBVRE, PAUL, CA
[72] ROY, GENEVIEVE, CA
[72] LE QUERE, DOMINIQUE, CA
[71] PREMIER TECH TECHNOLOGIES LTEE, CA
[85] 2017-03-09
[86] 2015-09-15 (PCT/CA2015/050894)
[87] (WO2016/041071)
[30] CA (2,863,477) 2014-09-16

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[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01) H04N 21/45 (2011.01)**
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[54] **PROCEDE ET APPAREIL DE MESURE D'AUDIENCE DE TELEVISION**
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[72] HAPPELL, SCOTT, US
[72] GODLEY, EWAN, US
[71] ISPOT. TV, INC., US
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[54] **PRESS FORMING METHOD AND PLATE MATERIAL EXPANSION DEVICE USED IN SAID METHOD**
[54] **PROCEDE DE FORMAGE A LA PRESSE ET DISPOSITIF D'AGRANDISSEMENT DE MATERIAU EN PLAQUE UTILISE DANS LEDIT PROCEDE**
[72] NAKAO, KEIICHIRO, JP
[72] TAKAHASHI, NAOKI, JP
[72] MIYAMOTO, KAZUKI, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **CONTROL DEVICE, CONTROL METHOD, AND FLIGHT VEHICLE DEVICE**
[54] **DISPOSITIF DE COMMANDE, PROCEDE DE COMMANDE, ET DISPOSITIF DE VEHICULE DE VOL**
[72] SABE, KOHTARO, JP
[72] TANAKA, KAYOKO, JP
[72] SUZUKI, KOUSUKE, JP
[72] MASUDA, MASAAKI, JP
[72] KAKINUMA, TAKEKAZU, JP
[72] HAYASHI, KAZUNORI, JP
[71] SONY CORPORATION, JP
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[54] **LASER WELDED JOINT AND LASER WELDING METHOD**
[54] **RACCORD SOUDE AU LASER ET PROCEDE DE SOUDAGE AU LASER**
[72] NAITO, YASUAKI, JP
[72] MIYAZAKI, YASUNOBU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-09
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[54] **APPARATUS AND METHOD FOR ONLINE DATA COLLECTION AND PROCESSING**
[54] **APPAREIL ET PROCEDE DE COLLECTE ET DE TRAITEMENT DE DONNEES EN LIGNE**
[72] DINH, PHUONG, CA
[71] MIJEM INC., CA
[85] 2017-03-09
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[54] **FUSED HETEROCYCLIC COMPOUNDS AS GPR120 AGONISTS**
[54] **COMPOSES HETEROCYCLIQUES CONDENSES A TITRE D'AGONISTES DU GPR120**
[72] KUMAR, SANJAY, IN
[72] SHARMA, RAJIV, US
[72] SAWARGAVE, SANGMESHWAR PRABHAKAR, IN
[72] MAHAJAN, VISHAL, IN
[71] PIRAMAL ENTERPRISES LIMITED, IN
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[54] **NUT FOR A CLAMPING MECHANISM OF A VULCANIZING PRESS, CLAMPING MECHANISM, VULCANIZING PRESS AND SUPPORT DEVICE FOR COMPONENTS OF A VULCANIZING PRESS**
[54] **ECROU POUR DISPOSITIF DE BLOCAGE D'UNE PRESSE DE VULCANISATION, DISPOSITIF DE BLOCAGE, PRESSE DE VULCANISATION ET MOYEN PORTEUR POUR ELEMENTS D'UNE PRESSE DE VULCANISATION**
[72] SCHEUNGRABER, PATRIC, DE
[71] REMA TIP TOP AG, DE
[85] 2017-03-09
[86] 2015-09-11 (PCT/EP2015/070821)
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[25] EN
[54] **INTEGRAL RANGE EXTENDER AND MECHANICAL PROTECTOR SYSTEM FOR A HANDHELD DIGITAL DEVICE**
[54] **SYSTEME INTEGRE D'EXTENSION DE PORTEE ET DE PROTECTION MECANIQUE POUR DISPOSITIF NUMERIQUE PORTATIF**
[72] SHERMAN, YEKUTIEL, IL
[72] YARCHI, YACHIN, IL
[72] AMIR, ETAY, IL
[72] BARZEEV, OMRI, IL
[71] STIKBOX LTD., IL
[85] 2017-03-09
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[25] EN
[54] **MINERAL BASED COMPOSITIONS AND USE THEREOF**
[54] **COMPOSITIONS A BASE DE MINERAUX ET LEUR UTILISATION**
[72] RONEN, RAZIEL, IL
[71] ANJON BIOLOGICS, INC., US
[85] 2017-03-09
[86] 2015-09-21 (PCT/IB2015/057264)
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[25] EN
[54] **MEANS AND A METHOD FOR FEEDING DOSES OF FLUIDISABLE MATERIALS**
[54] **MOYENS ET PROCEDE POUR DELIVRER DES DOSES DE MATERIAUX POUVANT ETRE FLUIDISES**
[72] DYROY, ARE, NO
[72] KARLSEN, MORTEN, NO
[72] LILLEBY, ANDERS, NO
[71] NORSK HYDRO ASA, NO
[85] 2017-03-09
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[25] EN
[54] **FULLY MOISTURE-TIGHT MULTILAYER MATERIAL, CAPABLE OF ABSORBING, RETAINING AND NOT RELEASING ABSORBED FREE WATER, FOR PACKAGING FOOD, DIETARY AND COSMETIC PRODUCTS, MEDICAL DEVICESAND MEDICINAL PRODUCTS**
[54] **MATERIAU MULTICOUCHE ENTIEREMENT ETANCHE A L'HUMIDITE CAPABLE D'ABSORBER, DE RETENIR ET DE NE PAS LIBERER L'EAU LIBRE ABSORBEE POUR EMBALLER DES PRODUITS ALIMENTAIRES, DIETETIQUESET COSMETIQUES, DES DISPOSITIFS MEDICAUX ET DES PRODUITS MEDICINAUX**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2017-03-09
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[54] **METHODS AND COMPOSITIONS FOR NUCLEASE-MEDIATED GENOME ENGINEERING AND CORRECTION IN HEMATOPOIETIC STEM CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR INGENIERIE GENOMIQUE A MEDIATION PAR DES NUCLEASES ET CORRECTION DU GENOME DANS DES CELLULES SOUCHES HEMATOPOIETIQUES**
[72] COST, GREGORY J., US
[72] MILLER, JEFFREY C., US
[72] ZHANG, LEI, US
[71] SANGAMO THERAPEUTICS, INC., US
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[54] **METHODS AND APPARATUS FOR FLUID FLOW MONITORING AND LEAK DETECTION**
[54] **PROCEDES ET APPAREIL POUR LE CONTROLE D'ECOULEMENT DE FLUIDE ET LA DETECTION DE FUITES**
[72] HAMMOND, MICHAEL, US
[72] MESS, FRANCIS M., US
[72] ELIA, SAMUEL, US
[72] ALMIRALL, JORGE C., US
[72] GESTNER, BRIAN, US
[72] LEADERS, JEFFREY L., US
[71] SONETER, INC., US
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[86] 2015-08-14 (PCT/US2015/045414)
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[54] **INFORMATION OBJECT SYSTEM**
[54] **SYSTEME D'OBJETS D'INFORMATIONS**
[72] PAK, JAE W., US
[71] SYSTEMIC MANAGEMENT SCIENCE CORPORATION, US
[85] 2017-03-09
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[87] (WO2016/039757)

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[25] EN
[54] **MULTIPLEX DIAGNOSTIC ASSAY FOR LYME DISEASE AND OTHER TICK-BORNE DISEASES**
[54] **DOSAGE DIAGNOSTIQUE MULTIPLEX POUR LA MALADIE DE LYME ET D'AUTRES MALADIES TRANSMISES PAR LES TIQUES**
[72] PARVEEN, NIKHAT, US
[72] MARRAS, SALVATORE A. E., US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[25] EN
[54] **MACROCYCLIC INHIBITORS OF THE PD-1/PD-L1 AND CD80(B7-1)/PD-L1 PROTEIN/PROTEIN INTERACTIONS**
[54] **INHIBITEURS MACROCYCLIQUES DES INTERACTIONS PROTEINE/PROTEINE PD-1/PD-L1 ET CD80(B7-1)/PD-L1**
[72] MILLER, MICHAEL MATTHEW, US
[72] MAPELLI, CLAUDIO, US
[72] ALLEN, MARTIN PATRICK, US
[72] BOWSHER, MICHAEL S., US
[72] GILLIS, ERIC P., US
[72] LANGLEY, DAVID R., US
[72] MULL, ERIC, US
[72] POIRIER, MAUDE A., US
[72] SANGHVI, NISHITH, US
[72] SUN, LI-QIANG, US
[72] TENNEY, DANIEL J., US
[72] YEUNG, KAP-SUN, US
[72] ZHU, JULIANG, US
[72] GILLMAN, KEVIN W., US
[72] ZHAO, QIAN, US
[72] GRANT-YOUNG, KATHARINE A., US
[72] SCOLA, PAUL MICHAEL, US
[72] CORNELIUS, LYNDON A.M., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **A METHOD AND APPARATUS TO CONTROL A MODE OF A DEVICE**
[54] **PROCEDE ET APPAREIL DE COMMANDE D'UN MODE D'UN DISPOSITIF**
[72] HAYS, PAUL J., US
[72] MCANALLY, CRAIG B., US
[72] MANSFIELD, WILLIAM M., US
[72] SMITH, BRIAN T., US
[71] MICRO MOTION, INC., US
[85] 2017-03-09
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[54] **TOMATO PLANTS WITH IMPROVED AGRONOMIC TRAITS**
[54] **PLANTS DE TOMATES PRESENTANT DES CARACTERISTIQUES AGRONOMIQUES AMELIOREES**
[72] AARDEN, HARRIETTE, US
[72] BAR, AMI, US
[72] VAN DEN BOSCH, BERNARDUS, US
[72] GRIT, ALBERT, US
[72] HOTZEV, AMIT, US
[72] OSRI, ARNON, US
[72] RODRIGUEZ, MARIA FERNANDA, US
[72] ROZIER, BRAM, US
[72] VECCHIETTI, ALBERTO, US
[72] WAGNER, RUTH, US
[71] SEMINIS VEGETABLE SEEDS, INC., US
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[30] US (62/052,320) 2014-09-18

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[51] **Int.Cl. B60G 15/06 (2006.01) B60G 17/08 (2006.01)**
[25] EN
[54] **SUSPENSION OF SENSOR COMPONENTS IN HIGH SHOCK APPLICATIONS**
[54] **SUSPENSION DE COMPOSANTS DE CAPTEUR DANS DES APPLICATIONS A RISQUE DE CHOCS ELEVES**
[72] LIU, JIYUAN, US
[72] CLIMENT, HELENE CLAIR, US
[72] GRAEBNER, ADAM PAUL, US
[72] BANKS, CALVIN LAWRENCE, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-03-09
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[54] **RESERVOIR DE CARBURANT ET CHASSIS DE MOTONEIGE**
[72] LEFEBVRE, MICHEL, CA
[72] GAUTHIER, MATHIEU, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 50/18 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **METHODS SYSTEMS AND ARTICLES OF MANUFACTURE FOR USING A PREDICTIVE MODEL TO DETERMINE TAX TOPICS WHICH ARE RELEVANT TO A TAXPAYER IN PREPARING AN ELECTRONIC TAX RETURN**
[54] **PROCEDES, SYSTEMES ET ARTICLES DE FABRICATION POUR UTILISER UN MODELE PREDICTIF AFIN DE DETERMINER DES SUJETS D'IMPOTS QUI SONT PERTINENTS POUR UN CONTRIBUABLE DANS LA PREPARATION D'UNE DECLARATION D'IMPOTS ELECTRONIQUE**
[72] GOLDMAN, JONATHAN, US
[72] MASCARO, MASSIMO, US
[72] LAASER, WILLIAM T., US
[71] INTUIT INC., US
[85] 2017-03-09
[86] 2014-09-19 (PCT/US2014/056516)
[87] (WO2016/039779)
[30] US (14/484,119) 2014-09-11

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[25] EN
[54] **PYRAZOLYL-SUBSTITUTED PYRIDONE COMPOUNDS AS SERINE PROTEASE INHIBITORS**
[54] **COMPOSES DE PYRIDONE SUBSTITUEE PAR PYRAZOLYL EN TANT QU'INHIBITEURS DE SERINE PROTEASE**
[72] SHORT, KEVIN MICHAEL, US
[72] KITA, DAVID BEN, US
[72] ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES, US
[72] PHAM, SON MINH, US
[71] VERSEON CORPORATION, US
[85] 2017-03-08
[86] 2015-09-17 (PCT/US2015/050809)
[87] (WO2016/044662)
[30] US (62/051,511) 2014-09-17
[30] US (62/051,585) 2014-09-17

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[25] EN
[54] **APPARATUS AND METHOD FOR ENSEMBLES OF KERNEL REGRESSION MODELS**
[54] **APPAREIL ET PROCEDE POUR DES ENSEMBLES DE MODELES DE REGRESSION DE NOYAU**
[72] HERZOG, JAMES P., US
[71] GE INTELLIGENT PLATFORMS, INC., US
[85] 2017-03-09
[86] 2015-03-04 (PCT/US2015/018698)
[87] (WO2016/039805)
[30] US (62/049,558) 2014-09-12

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[51] **Int.Cl. G09F 21/02 (2006.01) H04W 4/00 (2009.01) G09F 19/18 (2006.01)**
[25] EN
[54] **SYSTEMS FOR HANDLING MEDIA FOR WEARABLE DISPLAY DEVICES**
[54] **SYSTEMES DE GESTION D'UN CONTENU MULTIMEDIA POUR DES DISPOSITIFS D'AFFICHAGE POUVANT ETRE PORTES**
[72] ZENOFF, ANDREW, US
[71] BEAM AUTHENTIC, INC., US
[85] 2017-03-09
[86] 2015-08-14 (PCT/US2015/045308)
[87] (WO2016/025852)
[30] US (62/038,034) 2014-08-15
[30] US (62/038,002) 2014-08-15
[30] US (62/037,974) 2014-08-15
[30] US (62/037,994) 2014-08-15

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[25] EN
[54] **SYSTEM, METHOD, AND COMPOSITION FOR ENHANCING SOLUTIONS FROM BIOREACTORS FOR PROCESSES INCLUDING LIQUID FERTILIZER PREPARATION AND NUTRIENT EXTRACTION**
[54] **SYSTEME, PROCEDE ET COMPOSITION PERMETTANT D'AMELIORER DES SOLUTIONS ISSUES DE BIOREACTEURS POUR DES PROCEDES COMPRENANT LA PREPARATION D'ENGRAIS LIQUIDE ET L'EXTRACTION DE NUTRIMENTS**
[72] PINA, TINIA, US
[71] PINA, TINIA, US
[85] 2017-03-08
[86] 2015-09-18 (PCT/US2015/050958)
[87] (WO2016/044735)
[30] US (62/052,675) 2014-09-19

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[25] EN
[54] **FC-REGION VARIANTS WITH MODIFIED FCRN-BINDING AND METHODS OF USE**
[54] **VARIANTS DU FRAGMENT FC CARACTERISES PAR UNE LIAISON FCRN MODIFIEE ET LEURS PROCEDES D'UTILISATION**
[72] MOESSNER, EKKEHARD, CH
[72] SCHLOTHAUER, TILMAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-03-09
[86] 2015-11-04 (PCT/EP2015/075656)
[87] (WO2016/071376)
[30] EP (14192052.0) 2014-11-06

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[51] **Int.Cl. F15B 11/16 (2006.01)**
[25] EN
[54] **DIRECTIONAL CONTROL VALVE**
[54] **SOUPAPE DE COMMANDE DIRECTIONNELLE**
[72] COOLIDGE, GREGORY, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2017-03-08
[86] 2015-09-29 (PCT/US2015/052954)
[87] (WO2016/054047)
[30] US (62/057,209) 2014-09-29

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[13] A1
[51] **Int.Cl. C07H 1/00 (2006.01)**
[25] EN
[54] **SACCHARIDES AND SACCHARIDE COMPOSITIONS AND MIXTURES**
[54] **SACCHARIDES, COMPOSITIONS ET MELANGES DE SACCHARIDES**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[85] 2017-03-09
[86] 2015-08-28 (PCT/US2015/047572)
[87] (WO2016/043956)
[30] US (62/052,913) 2014-09-19
[30] US (62/055,349) 2014-09-25
[30] US (14/554,887) 2014-11-26

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[13] A1
[51] **Int.Cl. C10J 3/86 (2006.01) C02F 3/00 (2006.01) C02F 11/00 (2006.01) C12M 1/107 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING BIOMASS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UNE BIOMASSE**
[72] SALONEN, PETTERI, FI
[71] SALONEN, PETTERI, FI
[85] 2017-03-09
[86] 2015-09-15 (PCT/FI2015/050613)
[87] (WO2016/042206)
[30] FI (20145812) 2014-09-17

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[13] A1
[51] **Int.Cl. C08L 75/04 (2006.01) C08L 25/12 (2006.01) D06N 3/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CAPSTOCK APPLICATIONS**
[54] **COMPOSITIONS POUR DES APPLICATIONS DE REVETEMENT**
[72] KAHN, ALI, US
[72] COX, MARYELLEN, US
[72] RUPRECHT, ROLAND, US
[71] TEKNOR APEX COMPANY, US
[85] 2017-03-09
[86] 2015-09-01 (PCT/US2015/047848)
[87] (WO2016/040043)
[30] US (62/049,472) 2014-09-12
[30] US (14/501,427) 2014-09-30

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[51] **Int.Cl. H04S 7/00 (2006.01) H03G 3/02 (2006.01)**
[25] EN
[54] **NON-CONTACT ROTARY FADER**
[54] **ATTENUATEUR ROTATIF SANS CONTACT**
[72] ANDERSON, MATT, US
[72] POPOVICH, STEVEN, US
[72] ISAACS, PAUL, US
[72] MCDONALD, JASON, US
[71] SOUND DEVICES, LLC, US
[85] 2017-03-09
[86] 2015-08-18 (PCT/US2015/045682)
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[30] US (14/482,779) 2014-09-10

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[13] A1
[51] **Int.Cl. A01N 25/00 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL SOAPS CONTAINING CARVACROL AND METHODS OF USING SAME**
[54] **SAVONS ANTIMICROBIENS CONTENANT DU CARVACROL ET LEURS PROCEDES D'UTILISATION**
[72] DYCK, MANFRED F., US
[72] VON DYCK, SILKE, US
[72] BECKTEL, ERIC, US
[72] GRIGORIAN, IRINA, US
[71] HYDROMER, INC., US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049208)
[87] (WO2016/040496)
[30] US (62/048,100) 2014-09-09

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[51] **Int.Cl. A61B 17/02 (2006.01)**
[25] EN
[54] **RETRACTOR**
[54] **ECARTEUR**
[72] VOGEL, TYSON, US
[72] BLAIN, JASON, US
[71] SPINAL ELEMENTS, INC., US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049211)
[87] (WO2016/040497)
[30] US (62/048,639) 2014-09-10

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/22 (2012.01) G06K 7/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRACKING UTILIZATION AND CONSUMPTION OF MEDICAL ITEMS IN A MEDICAL FACILITY AND MAINTAINING A CHAIN OF CUSTODY BASED THEREON**
[54] **SYSTEME POUR SUIVRE DE L'UTILISATION ET DE LA CONSOMMATION D'ARTICLES MEDICAUX DANS UN ETABLISSEMENT MEDICAL ET POUR TENIR A JOUR UNE CHAINE DE GARDE SUR LA BASE DE CELUI-CI**
[72] DEBUSK, BRIAN C., US
[72] KAYLOR, MARY E., US
[72] GRIFFITH, GERALD T., US
[72] WAGGONER, TIMOTHY J., US
[72] GRIFFITH, JEFFREY D., US
[72] SEWELL, ANGELA M., US
[72] JACOBS, JOHN G., US
[72] HURD, REX A., US
[71] DEROYAL INDUSTRIES, INC., US
[85] 2017-03-09
[86] 2015-09-10 (PCT/US2015/049373)
[87] (WO2016/040593)
[30] US (62/048,921) 2014-09-11
[30] US (14/504,859) 2014-10-02
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[25] EN
[54] **ELECTROCOAGULATION REACTOR**
[54] **REACTEUR D'ELECTROCOAGULATION**
[72] CASBEER, DANA, US
[72] KNIGHT, LARRY, US
[72] MATOUSEK, RUDOLF, US
[72] BARIYA, RUBIN, US
[71] DE NORA WATER TECHNOLOGIES, LLC, US
[85] 2017-03-08
[86] 2015-09-30 (PCT/US2015/053162)
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[30] US (62/061,982) 2014-10-09

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[25] EN
[54] **SYSTEMS AND METHODOLOGIES FOR VALIDATING THE CORRESPONDENCE BETWEEN AN IMAGE AND AN ASSET**
[54] **SYSTEMES ET METHODOLOGIES DE VALIDATION DE LA CORRESPONDANCE ENTRE UNE IMAGE ET UN ACTIF**
[72] GAUGLITZ, WOLFRAM K., US
[71] GAUGLITZ, WOLFRAM K., US
[85] 2017-03-09
[86] 2015-09-10 (PCT/US2015/049488)
[87] (WO2016/040680)
[30] US (62/048,506) 2014-09-10

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[13] A1
[51] **Int.Cl. A61B 5/0488 (2006.01) H04W 72/08 (2009.01) A61B 5/0492 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMMUNICATION BETWEEN A SENSOR AND A MANAGING DEVICE**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION ENTRE UN CAPTEUR ET UN DISPOSITIF DE GESTION**
[72] GIROUARD, MICHAEL R., US
[71] BRAIN SENTINEL, INC., US
[85] 2017-03-09
[86] 2015-09-12 (PCT/US2015/049859)
[87] (WO2016/040914)
[30] US (62/050,054) 2014-09-12

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[51] **Int.Cl. C12Q 1/00 (2006.01) A61K 38/00 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **DETECTION OF MISFOLDED PROTEINS**
[54] **DETECTION DE PROTEINES MAL-REPLIEES**
[72] JARA, CLAUDIO SOTO, US
[72] SHAHNAWAZ, MOHAMMAD, US
[72] LEBOVITZ, RUSSELL M., US
[72] VOLLRATH, BENEDIKT K., US
[71] BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, US
[71] AMPRION, INC., US
[71] JARA, CLAUDIO SOTO, US
[71] SHAHNAWAZ, MOHAMMAD, US
[71] LEBOVITZ, RUSSELL M., US
[71] VOLLRATH, BENEDIKT K., US
[85] 2017-03-09
[86] 2015-09-11 (PCT/US2015/049844)
[87] (WO2016/040907)
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[13] A1
[51] **Int.Cl. H04L 29/14 (2006.01)**
[25] EN
[54] **EVENT DRIVEN ROUTE CONTROL**
[54] **COMMANDE DE ROUTE ENTRAINEE PAR UN EVENEMENT**
[72] SMITH, ROBERT, US
[72] MARCK, SHAWN, US
[72] NEWTON, CHRISTOPHER, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-03-09
[86] 2015-09-14 (PCT/US2015/049956)
[87] (WO2016/040936)
[30] US (62/050,000) 2014-09-12
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[51] **Int.Cl. C12P 19/18 (2006.01) C07H 3/06 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **ALPHA (1,3) FUCOSYLTRANSFERASES FOR USE IN THE PRODUCTION OF FUCOSYLATED OLIGOSACCHARIDES**
[54] **ALPHA (1,3) FUCOSYLTRANSFERASES DESTINEES A ETRE UTILISEES DANS LA PRODUCTION D'OLIGOSACCHARIDES FUCOSYLES**
[72] HEIDTMAN, MATTHEW IAN, US
[72] MERIGHI, MASSIMO, US
[72] MCCOY, JOHN M., US
[71] GLYCOSYN LLC, US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049257)
[87] (WO2016/040531)
[30] US (62/047,851) 2014-09-09

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **BAYESIAN CAUSAL RELATIONSHIP NETWORK MODELS FOR HEALTHCARE DIAGNOSIS AND TREATMENT BASED ON PATIENT DATA**
[54] **MODELES BAYESIENS DE RESEAU DE RELATION DE CAUSE A EFFET POUR DIAGNOSTIC ET TRAITEMENT MEDICAL SUR LA BASE DE DONNEES DE PATIENT**
[72] NARAIN, NIVEN RAJIN, US
[72] AKMAEV, VIATCHESLAV R., US
[72] VEMULAPALLI, VIJETHA, US
[71] BERG LLC, US
[85] 2017-03-09
[86] 2015-09-11 (PCT/US2015/049552)
[87] (WO2016/040725)
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYZING NUCLEIC ACID SEQUENCING DATA**
[54] **PROCEDES ET SYSTEMES POUR ANALYSER DES DONNEES DE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] BRUAND, JOCELYNE, US
[72] SCHLESINGER, JOHANN FELIX, US
[71] ILLUMINA, INC., US
[85] 2017-03-09
[86] 2015-09-15 (PCT/US2015/050129)
[87] (WO2016/044233)
[30] US (62/052,189) 2014-09-18

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[51] **Int.Cl. H04N 5/232 (2006.01) F16M 13/04 (2006.01) H04N 5/222 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR CAPTURING AND BROADCASTING EVENTS**
[54] **APPAREIL, SYSTEME ET PROCEDE DE CAPTURE ET DE DIFFUSION D'EVENEMENTS**
[72] GOLDSTEIN, BEN ZION YITZCHAK, IL
[71] SOLOCAM FOREVER LTD, IL
[85] 2017-03-09
[86] 2015-06-07 (PCT/IL2015/050575)
[87] (WO2016/103244)
[30] US (62/095,037) 2014-12-21

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[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **ACID-SOLUBLE CEMENT COMPOSITION**
[54] **COMPOSITION DE CIMENT SOLUBLE EN MILIEU ACIDE**
[72] JOSEPH, TRISSA, AO
[72] RAVI, KRISHNA, US
[72] PATIL, S[illegible]NDIP P., IN
[72] PATIL, RAHUL C., IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-09
[86] 2014-12-02 (PCT/US2014/068170)
[87] (WO2016/089379)

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTING CUSTOMER INTENTIONS**
[54] **PROCEDE ET APPAREIL POUR PREDIRE DES INTENTIONS DE CLIENT**
[72] CHAKRABORTY, ABIR, IN
[72] GANGAVARAM, VISWANATH, IN
[71] 24/7 CUSTOMER, INC., US
[85] 2017-03-09
[86] 2015-09-17 (PCT/US2015/050734)
[87] (WO2016/044618)
[30] US (62/051,656) 2014-09-17
[30] US (14/856,465) 2015-09-16

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[13] A1
[51] **Int.Cl. B25J 15/04 (2006.01) B25J 9/14 (2006.01) B25J 15/12 (2006.01)**
[25] EN
[54] **SOFT ROBOTIC ACTUATOR ATTACHMENT HUB AND GRASPER ASSEMBLY, REINFORCED ACTUATORS, AND ELECTROADHESIVE ACTUATORS**
[54] **MOYEU DE FIXATION D'ACTIONNEUR ROBOTIQUE SOUPLE ET ENSEMBLE DE PREHENSION, ACTIONNEURS RENFORCES, ET ACTIONNEURS ELECTRO-ADHESIFS**
[72] LESSING, JOSHUA AARON, US
[72] KNOPF, RYAN RICHARD, US
[72] ALCEDO, KEVIN, US
[72] VAUSE, CARL EVERETT, US
[71] SOFT ROBOTICS, INC., US
[85] 2017-03-09
[86] 2015-09-17 (PCT/US2015/050793)
[87] (WO2016/044654)
[30] US (62/051,571) 2014-09-17
[30] US (62/051,546) 2014-09-17

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/00 (2006.01) C12M 1/40 (2006.01) C12N 15/00 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **HYBRID MULTI-STEP NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDE NUCLEIQUE MULTI-ETAPES HYBRIDE**
[72] PATEL, PRANAV, US
[72] WU, INDIRA, US
[72] RICHARDSON, AARON, US
[72] BELHOCINE, KAMILA, US
[72] LEE, JOSEPHINE, US
[72] TABAKMAN, SCOTT, US
[71] THERANOS, INC., US
[85] 2017-03-09
[86] 2015-09-17 (PCT/US2015/050822)
[87] (WO2016/044673)
[30] US (62/051,912) 2014-09-17
[30] US (62/051,945) 2014-09-17
[30] US (PCT/US2014/056151) 2014-09-17
[30] US (62/068,603) 2014-10-24
[30] US (62/068,605) 2014-10-24
[30] US (62/151,358) 2015-04-22

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[13] A1
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 9/16 (2006.01) A61K 9/58 (2006.01)**
[25] EN
[54] **INJECTABLE MICROPARTICLES FOR HYPER-LOCALIZED RELEASE OF THERAPEUTIC AGENTS**
[54] **MICROPARTICULES INJECTABLES POUR LA LIBERATION HYPER-LOCALISEE D'AGENTS THERAPEUTIQUES**
[72] HELLIWELL, JAMES A., CA
[72] MALONE, AMANDA M., CA
[71] EUPRAXIA PHARMACEUTICALS INC., CA
[85] 2017-03-09
[86] 2015-09-18 (PCT/US2015/051072)
[87] (WO2016/044799)
[30] US (62/052,959) 2014-09-19

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[51] **Int.Cl. E05B 49/00 (2006.01)**
[25] EN
[54] **INTEGRATED LOCK BODY SYSTEM FOR SECURING ACCESS POINTS**
[54] **SYSTEME DE CORPS DE VERROU INTEGRE POUR SECURISER DES POINTS D'ACCES**
[72] PIANTEK, RYAN, US
[72] SANGSTER, RICHARD D., US
[72] LOWDER, SCOTT B., US
[71] ASSA ABLOY INC., US
[85] 2017-03-09
[86] 2015-09-25 (PCT/US2015/052230)
[87] (WO2016/049461)
[30] US (62/056,068) 2014-09-26
[30] US (14/865,180) 2015-09-25

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[51] **Int.Cl. B27B 13/00 (2006.01) A22B 5/20 (2006.01) B23D 59/00 (2006.01) B27B 13/14 (2006.01) B27G 19/06 (2006.01) F16P 3/12 (2006.01)**
[25] EN
[54] **SAFETY APPARATUS FOR PROTECTING AN OPERATOR OF AN ELECTRICALLY POWERED SAW**
[54] **APPAREIL DE SECURITE POUR PROTEGER UN UTILISATEUR D'UNE SCIE ELECTRIQUE**
[72] CAMPBELL, CLYDE MARK, AU
[71] SCOTT AUTOMATION & ROBOTICS PTY LIMITED, AU
[85] 2017-03-10
[86] 2015-09-18 (PCT/AU2015/050561)
[87] (WO2016/041020)
[30] AU (2014903735) 2014-09-18

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[51] **Int.Cl. B65D 47/06 (2006.01) A47G 19/22 (2006.01) B65D 47/28 (2006.01)**
[25] EN
[54] **BOTTLE LID ASSEMBLY WITH RETRACTABLE SPOUT**
[54] **ENSEMBLE COUVERCLE DE BOUTEILLE AVEC BEC VERSEUR RETRACTABLE**
[72] MEBBERSON, NICK, AU
[71] PURATAP PTY LTD, AU
[85] 2017-03-10
[86] 2015-09-22 (PCT/AU2015/050567)
[87] (WO2016/044890)
[30] AU (2014903796) 2014-09-23

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[13] A1
[51] **Int.Cl. A61F 2/14 (2006.01) A61F 9/007 (2006.01) A61F 9/01 (2006.01)**
[25] EN
[54] **CORNEAL IMPLANT STORAGE, PACKAGING, AND DELIVERY DEVICES**
[54] **DISPOSITIFS DE STOCKAGE, DE CONDITIONNEMENT ET DE POSE D'IMPLANT CORNEEN**
[72] ESGUERRA, NICOLAS, US
[72] KEMPKEY, MARK DOUGLAS, US
[72] TSUKASHIMA, ROSS, US
[71] REVISION OPTICS, INC., US
[85] 2017-03-09
[86] 2014-08-19 (PCT/US2014/051693)
[87] (WO2016/028275)

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[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **PENSION TRANSACTION PLATFORM**
[54] **PLATE-FORME DE TRANSACTION DE PENSIONS**
[72] MCEVOY, RICHARD, US
[72] MAKAROVSKIY, AIKAZ, US
[72] WHEELER, RACHEL, US
[72] EVANS, LEAH, GB
[71] MERCER (US) INC., US
[85] 2017-03-09
[86] 2015-04-17 (PCT/US2015/026493)
[87] (WO2016/039818)
[30] US (62/049,157) 2014-09-11

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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **TRAINING CORNEA FOR REFRACTIVE SURGERY TRAINING**
[54] **CORNEE D'APPRENTISSAGE POUR LA FORMATION A LA CHIRURGIE REFRACTIVE**
[72] LE, ALAN NGOC, US
[71] REVISION OPTICS, INC., US
[85] 2017-03-09
[86] 2015-08-13 (PCT/US2015/044982)
[87] (WO2016/039926)
[30] US (62/048,666) 2014-09-10

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/517 (2006.01) A61K 39/395 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **COMBINATION THERAPY OF INHIBITORS OF C-C CHEMOKINE RECEPTOR TYPE 9 (CCR9) AND ANTI-ALHA4BETA7 INTEGRIN BLOCKING ANTIBODIES**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN A L'AIDE D'UNE POLYTHERAPIE A BASE D'INHIBITEURS A PETITES MOLECULES DE RECEPTEUR 9 DE CHIMIOKINE C-C (CCR9) ET D'ANTICORPS BLOQUANTS ANTI-INTEGRINE ALPHA4BETA7**
[72] EBSWORTH, KAREN, US
[72] WANG, YU, US
[72] ZENG, YIBIN, US
[72] ZHANG, PENGLIE, US
[72] TAN, JOANNE, US
[71] CHEMOCENTRYX, INC., US
[85] 2017-03-09
[86] 2015-10-05 (PCT/US2015/054077)
[87] (WO2016/057424)
[30] US (62/060,454) 2014-10-06

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[13] A1
[51] **Int.Cl. E05C 19/14 (2006.01) E05B 13/10 (2006.01) E05B 27/06 (2006.01)**
[25] EN
[54] **CLEVIS SENSING LOCK**
[54] **SERRURE DE DETECTION DE CHAPE**
[72] HELSLEY, THOMAS J., US
[71] HARTWELL CORPORATION, US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049216)
[87] (WO2016/040501)
[30] US (62/048,247) 2014-09-09

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[13] A1
[51] **Int.Cl. G01C 21/20 (2006.01) G01C 21/16 (2006.01) G01C 22/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING MOTION, PERFORMANCE, AND OTHER DATA FOR A BICYCLE, OTHER VEHICLE, AND/OR AN INDIVIDUAL SUCH AS A WINTER SPORTS ATHLETE**
[54] **SYSTEMES ET PROCEDES POUR SUIVI D'UN MOUVEMENT, DE LA PERFORMANCE, ET D'AUTRES DONNEES POUR UNE BICYCLETTE, UN AUTRE VEHICULE, ET/OU UN INDIVIDU TEL QU'UN ATHLETE DE SPORTS D'HIVER**
[72] KLOSINSKI, RICHARD CHESTER, JR., US
[72] MURPHY, MEGAN KATHLEEN, US
[72] WORKMAN, MATTHEW ALLEN, US
[72] SALES, JAY WILLIAM, US
[71] VISION SERVICE PLAN, US
[85] 2017-03-09
[86] 2016-01-29 (PCT/US2016/015705)
[87] (WO2016/123511)
[30] US (14/610,501) 2015-01-30
[30] US (62/135,660) 2015-03-19

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS WITH CENTRAL HOLE FOR IMPROVED FLUID FLOW AND MINIMIZED LIGHT SCATTERING**
[54] **LENTILLE INTRAOCULAIRE AVEC ECOULEMENT DE FLUIDE AMELIORE DANS L'ORIFICE CENTRAL ET DIFFUSION DE LUMIERE REDUITE AU MINIMUM**
[72] GONTIJO, IVAIR, US
[72] PAUL, THOMAS R., US
[72] OSSIPOV, ALEXEI, US
[71] STAAR SURGICAL COMPANY, US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049226)
[87] (WO2016/040509)
[30] US (62/048,007) 2014-09-09
[30] US (14/849,382) 2015-09-09

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[13] A1
[51] **Int.Cl. C12N 9/00 (2006.01)**
[25] EN
[54] **PLANT-BASED RECOMBINANT BUTYRYLCHOLINESTERASE PRODUCTION METHODS**
[54] **PROCEDES DE PRODUCTION DE BUTYRYLCHOLINESTERASE RECOMBINANTE A BASE DE PLANTES**
[72] MOR, TSAFRIR, US
[72] POGUE, GREG, US
[72] HIATT, ERNIE, US
[72] KANDZIA, ROMY, DE
[72] WERNER, STEFAN, DE
[72] THIEME, FRANK, DE
[72] HUME, STEVEN, US
[71] KENTUCKY BIOPROCESSING, INC., US
[71] MOR, TSAFRIR, US
[85] 2017-03-09
[86] 2014-08-01 (PCT/US2014/049387)
[87] (WO2015/050627)
[30] US (61/885,492) 2013-10-01

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[51] **Int.Cl. G01R 33/56 (2006.01) G06T 15/08 (2011.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] GALLOP, DAVID, CA
[72] HODGES, WES, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-03-10
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[25] EN
[54] **METHOD AND SYSTEM FOR TRANSACTING INTELLECTUAL PROPERTY**
[54] **PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER DES TRANSACTIONS DE PROPRIETE INTELLECTUELLE**
[72] BIRON, SHIRLEE, CA
[72] ROBILLARD, CHRISTIAN, CA
[71] 9437169 CANADA INC., CA
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[25] EN
[54] **INSULATED CONTAINER AND METHODS OF MAKING AND ASSEMBLING**
[54] **RECIPIENT ISOLE ET PROCEDES DE FABRICATION ET D'ASSEMBLAGE**
[72] LI, CHENGTAO, US
[72] WILKES, GARY R., US
[72] MYER, WAYNE J., US
[72] ACKLEY, TIM E., US
[72] STEVENS, CARL E., US
[72] WOLFE, WILLIAM L., US
[72] HARVEY, MICHAEL, US
[72] DECKER, MARK S., US
[72] GINGRAS, RYAN P., US
[72] SMITH, KEVIN R., US
[72] MATYSIAK, PETER, US
[72] EMRICK, TOBIN L., US
[72] MAKELA, STEVE K., US
[72] MEIRNDORF, RICK L., US
[72] DURFEE, ERIK J., US
[72] HUERTA, JAMES W., US
[72] FENKER, ALEX C., US
[71] DART CONTAINER CORPORATION, US
[85] 2017-03-09
[86] 2015-09-22 (PCT/US2015/051492)
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[30] US (62/054,142) 2014-09-23
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[25] EN
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[54] **CARTOUCHE A CLAVETTE**
[72] HILLION, NICOLAS, CA
[72] SOUCY, GENEVIEVE, CA
[71] CICAME ENERGIE INC., CA
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[86] 2015-09-11 (PCT/CA2015/050883)
[87] (WO2016/037289)
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[25] EN
[54] **MULTI-PURPOSE DISPLAY UNIT**
[54] **UNITE D'AFFICHAGE MULTI-USAGE**
[72] SEED, THOMAS GERALD, CA
[72] BAILEY, KEVIN, CA
[72] KLIMAVA, YANA, CA
[71] SEED, THOMAS GERALD, CA
[85] 2017-03-10
[86] 2015-09-04 (PCT/CA2015/050858)
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[25] EN
[54] **CYTOTOXIC AND ANTI-MITOTIC COMPOUNDS, AND METHODS OF USING THE SAME**
[54] **COMPOSES CYTOTOXIQUES ET ANTIMITOTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] WINTERS, GEOFFREY C., CA
[72] RICH, JAMES R., CA
[72] GARNETT, GRAHAM ALBERT EDWIN, CA
[72] MANDEL, ALEXANDER LAURENCE, CA
[72] HSIEH, TOM HAN HSIAO, CA
[72] BOURQUE, ELYSE MARIE JOSEE, CA
[72] BARNSCHER, STUART DANIEL, CA
[71] ZYMEWORKS, INC., CA
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[25] EN
[54] **BIOSENSORS FOR MONITORING BIOMOLECULE LOCALIZATION AND TRAFFICKING IN CELLS**
[54] **BIOCAPTEURS POUR LA SURVEILLANCE DE LA LOCALISATION ET DE LA CIRCULATION DE BIOMOLECULES DANS DES CELLULES**
[72] LAPORTE, STEPHANE ALAIN, CA
[72] NAMKUNG, YOON, CA
[72] BOUVIER, MICHEL, CA
[72] LE GOUILL, CHRISTIAN, CA
[72] HOGUE, MIREILLE, CA
[72] LUKASHEVA, VIKTORIYA, CA
[72] KOBAYASHI, HIROYUKI, CA
[72] DEBLOIS, DENIS, CA
[72] DURETTE, ETIENNE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[71] UNIVERSITE DE MONTREAL, CA
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[25] EN
[54] **GRADE 550MPA HIGH-TEMPERATURE RESISTANT PIPELINE STEEL AND METHOD OF MANUFACTURING SAME**
[54] **ACIER POUR PIPELINE RESISTANT AUX HAUTES TEMPERATURES A 550 MPA ET SON PROCEDE DE FABRICATION**
[72] HU, PING, CN
[72] ZHENG, LEI, CN
[72] ZHANG, CHUANGUO, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2017-03-10
[86] 2015-09-16 (PCT/CN2015/089697)
[87] (WO2016/041491)
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[51] **Int.Cl. A47C 1/036 (2006.01) A47C 1/032 (2006.01)**
[25] EN
[54] **ITEM OF SEATING FURNITURE WITH A SPRING-MOUNTED BACKREST**
[54] **ENSEMBLE MEUBLE D'ASSISE AVEC DOSSIER MONTE SUR RESSORT**
[72] MACKERT, MICHAEL, DE
[71] INNOTEC MOTION GMBH, DE
[85] 2017-03-10
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[25] EN
[54] **ADENO-ASSOCIATED VIRAL VECTORS FOR THE GENE THERAPY OF METABOLIC DISEASES**
[54] **VECTEURS VIRAUX ADENO-ASSOCIES POUR LA THERAPIE GENIQUE DES MALADIES METABOLIQUES**
[72] BOSCH TUBERT, MARIA FATIMA, ES
[72] ELIAS PUIGDOMENECH, IVET, ES
[72] SMITH, ULF PER GUSTAV, ES
[71] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[71] SMITH, ULF PER GUSTAV, ES
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[25] EN
[54] **OPEN CHANNEL APPLICATION PROGRAMMING INTERFACE**
[54] **INTERFACE DE PROGRAMMATION D'APPLICATION DE CANAL OUVERT**
[72] MAYALA, TULSI RAM, US
[72] STERNS, JEREMY, US
[71] MAYALA, TULSI RAM, US
[71] STRONGVIEW SYSTEMS, INC., US
[71] STERNS, JEREMY, US
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[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **HUMAN-DERIVED ANTI-DIPEPTIDE REPEATS (DPRS) ANTIBODY**
[54] **ANTICORPS DIRIGES CONTRE DES REPETITIONS DIPEPTIDIQUES (DPR) D'ORIGINE HUMAINE**
[72] MONTRASIO, FABIO, CH
[72] GRIMM, JAN, CH
[71] NEURIMMUNE HOLDING AG, CH
[85] 2017-03-10
[86] 2015-09-30 (PCT/EP2015/072516)
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[30] EP (14187180.6) 2014-09-30
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[51] **Int.Cl. A61K 31/166 (2006.01) A61K 31/407 (2006.01) A61K 31/429 (2006.01) A61K 31/496 (2006.01) A61K 31/5383 (2006.01) A61K 31/546 (2006.01) A61K 31/7036 (2006.01) A61K 38/00 (2006.01) A61K 45/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **METHOD FOR USING NOVEL HYDROXAMIC ACID DERIVATIVE AND ANTIBACTERIAL SUBSTANCE IN COMBINATION**
[54] **PROCEDE DE MISE EN □UVRE D'UN NOUVEAU DERIVE D'ACIDE HYDROXAMIQUE ET D'UNE SUBSTANCE ANTIBACTERIENNE EN COMBINAISON**
[72] ETO, MAKI, JP
[72] FUNATSU, TORI, JP
[72] NAKAGAWA, AKIKO, JP
[72] FUJIWARA, MASASUKE, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[85] 2017-03-10
[86] 2015-09-11 (PCT/JP2015/075778)
[87] (WO2016/039432)
[30] JP (2014-186569) 2014-09-12

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[25] EN
[54] **METHOD OF PRODUCING SHAPED ARTICLE, TOOLING, AND TUBULAR SHAPED ARTICLE**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE MOULE, MOULE, ET ARTICLE MOULE TUBULAIRE**
[72] SATO, MASAHIKO, JP
[72] YOSHIDA, TOHRU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-10
[86] 2015-09-17 (PCT/JP2015/076535)
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[25] EN
[54] **VACCINE PHARMACEUTICAL COMPOSITION FOR TRANSDERMAL ADMINISTRATION**
[54] **COMPOSITION PHARMACEUTIQUE DE VACCIN POUR ADMINISTRATION TRANSDERMIQUE**
[72] SHISHIDO, TAKUYA, JP
[72] ASARI, DAISUKE, JP
[72] MATSUSHITA, KYOHEI, JP
[72] OKUBO, KATSUYUKI, JP
[72] HORI, MITSUHIKO, JP
[71] NITTO DENKO CORPORATION, JP
[85] 2017-03-10
[86] 2015-10-01 (PCT/JP2015/077921)
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[30] JP (2014-204020) 2014-10-02

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[51] **Int.Cl. A61K 31/357 (2006.01) A61K 31/192 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITE PREPARATION, CONTAINING NOVEL 3-(4-(BENZYLOXY)PHENYL)HEX-4-INOIC ACID DERIVATIVE AND ANOTHER ACTIVE INGREDIENT, FOR PREVENTING OR TREATING METABOLIC DISEASES**
[54] **PREPARATION COMPOSITE, CONTENANT UN NOUVEAU DERIVE DE L'ACIDE 3-(4-(BENZYLOXY)PHENYL)HEX-4-INOIQUE ET UN AUTRE PRINCIPE ACTIF, ET DESTINEE A PREVENIR OU TRAITER LES MALADIES METABOLIQUES**
[72] YANG, JIN, KR
[72] KIM, JIN WOONG, KR
[72] LEE, HAN KYU, KR
[72] KIM, JAE HYUN, KR
[72] SON, CHANG MO, KR
[72] LEE, KYU HWAN, KR
[72] CHOI, HYUNG-HO, KR
[72] KIM, DAEHOON, KR
[72] HA, TAE-YOUNG, KR
[72] RHEE, JAEKEOL, KR
[71] HYUNDAI PHARM CO., LTD., KR
[85] 2017-03-10
[86] 2015-10-16 (PCT/KR2015/010976)
[87] (WO2016/060517)
[30] KR (10-2014-0141216) 2014-10-17

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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **ADAPTING A TOP DRIVE CEMENT HEAD TO A CASING RUNNING TOOL**
[54] **ADAPTATION D'UNE TETE DE CIMENTAGE A ENTRAINEMENT PAR LE HAUT A UN OUTIL DE POSE DE TUBAGE**
[72] ROGERS, HENRY EUGENE, US
[72] STANDIFER, PHILLIP DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2014-11-14 (PCT/US2014/065779)
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[51] **Int.Cl. A61K 31/16 (2006.01) A61K 9/08 (2006.01) A61K 9/19 (2006.01) A61K 47/40 (2006.01) A61P 31/04 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **NOVEL PHARMACEUTICAL COMPOSITION CONTAINING HYDROXAMIC ACID DERIVATIVE OR SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN NOUVEAU DERIVE D'ACIDE HYDROXAMIQUE OU UN SEL DE CELUI-CI**
[72] HONDA, TATSUYA, JP
[72] SUZUMURA, YUKO, JP
[72] KATO, TOMOYA, JP
[72] KOSEKI, YU, JP
[72] ONO, KOHEI, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[85] 2017-03-10
[86] 2015-09-11 (PCT/JP2015/075779)
[87] (WO2016/039433)
[30] JP (2014-186570) 2014-09-12
[30] JP (2015-108356) 2015-05-28

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[13] A1
[51] **Int.Cl. C07K 16/22 (2006.01) A61K 31/519 (2006.01) A61K 38/17 (2006.01) A61P 19/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TREATMENT OF FIBRODYSPLASIA OSSIFICANS PROGRESSIVA**
[54] **TRAITEMENT DE LA FIBRODYSPLASIE OSSIFIANTE PROGRESSIVE**
[72] HATSELL, SARAH J., US
[72] ECONOMIDES, ARIS N., US
[72] IDONE, VINCENT J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-03-10
[86] 2015-09-14 (PCT/US2015/000100)
[87] (WO2016/039796)
[30] US (62/141,775) 2015-04-01
[30] US (62/049,869) 2014-09-12

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[51] **Int.Cl. B65B 57/00 (2006.01) B65D 77/00 (2006.01) B65D 83/00 (2006.01) B65D 85/00 (2006.01) G07D 1/00 (2006.01)**
[25] EN
[54] **DISTRIBUTION OF COINS IN BAGS**
[54] **DISTRIBUTION DE PIECES DE MONNAIE DANS DES SACS**
[72] SJOSTROM, ANDERS, SE
[71] SCAN COIN AB, SE
[85] 2017-03-10
[86] 2015-09-14 (PCT/SE2015/050961)
[87] (WO2016/043646)
[30] SE (1451062-2) 2014-09-15

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[13] A1
[51] **Int.Cl. C08G 18/83 (2006.01) C08J 9/06 (2006.01) C08J 9/12 (2006.01)**
[25] EN
[54] **FLEXIBLE, OPEN-CELL THERMOSET FOAMS AND BLOWING AGENTS AND METHODS FOR MAKING SAME**
[54] **MOUSSES THERMODURCIES SOUPLES A ALVEOLES OUVERTES, ET AGENTS D'EXPANSION ET LEURS PROCEDES DE FABRICATION**
[72] GROSSMAN, RONALD S., US
[72] MEHTA, PRANAV, IN
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2017-03-10
[86] 2015-04-30 (PCT/US2015/028674)
[87] (WO2016/043817)
[30] US (62/053,060) 2014-09-19

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[13] A1
[51] **Int.Cl. H04J 14/06 (2006.01) G02F 1/295 (2006.01) H04J 14/02 (2006.01) H04J 14/08 (2006.01)**
[25] EN
[54] **RESILIENT OPTICAL NETWORKING**
[54] **RESEAUTAGE OPTIQUE RESILIENT**
[72] KILPER, DANIEL, US
[72] BERGMAN, KEREN, US
[72] ZUSSMAN, GIL, US
[72] BIRAND, BERK, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2017-03-10
[86] 2015-09-11 (PCT/IB2015/001999)
[87] (WO2016/038463)
[30] US (62/048,818) 2014-09-11

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[51] **Int.Cl. G05D 7/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO PREDICT FUEL FLOW ISSUES BY MONITORING TRENDS IN THE OPERATION OF FUEL VALVES**
[54] **SYSTEMES ET PROCEDES POUR PREDIRE DES PROBLEMES D'ECOULEMENT DE CARBURANT EN SURVEILLANT DES TENDANCES DANS LE FONCTIONNEMENT DE VANNES A CARBURANT**
[72] RUBIN-AYMA, IVAN, US
[72] OLDHAM, CHRISTOPHER ADAM, US
[71] GILBARCO INC., US
[85] 2017-03-10
[86] 2015-07-21 (PCT/US2015/041305)
[87] (WO2016/014510)
[30] US (62/026,956) 2014-07-21
[30] US (14/803,772) 2015-07-20

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[13] A1
[51] **Int.Cl. B65D 81/20 (2006.01) B65D 33/01 (2006.01)**
[25] EN
[54] **VACUUM SEAL INDICATOR FOR FOOD PRESERVATION BAGS**
[54] **INDICATEUR D'ETANCHEITE SOUS VIDE POUR SACHETS DE CONSERVATION D'ALIMENTS**
[72] PLAZARTE, ENRIQUE, US
[71] SUNBEAM PRODUCTS, INC., US
[85] 2017-03-10
[86] 2015-08-31 (PCT/US2015/047702)
[87] (WO2016/040029)
[30] US (14/483,390) 2014-09-11

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[51] **Int.Cl. F24F 6/02 (2006.01) F28C 3/06 (2006.01) F28C 3/08 (2006.01)**
[25] EN
[54] **WATER MINIMIZING METHOD AND APPARATUS FOR USE WITH EVAPORATIVE COOLING DEVICES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REDUIRE L'EAU AU MINIMUM DESTINES A ETRE UTILISES DANS DES DISPOSITIFS DE REFROIDISSEMENT PAR EVAPORATION**
[72] DINNAGE, PAUL A., US
[71] MUNTERS CORPORATION, US
[85] 2017-03-10
[86] 2015-09-10 (PCT/US2015/049418)
[87] (WO2016/040625)
[30] US (62/048,541) 2014-09-10
[30] US (14/641,106) 2015-03-06

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[13] A1
[51] **Int.Cl. B65B 57/00 (2006.01) B65D 77/00 (2006.01) B65D 83/00 (2006.01) B65D 85/00 (2006.01) G07D 1/00 (2006.01)**
[25] EN
[54] **DISTRIBUTION OF COINS IN BAGS**
[54] **DISTRIBUTION DE PIECES DE MONNAIE DANS DES SACHETS**
[72] SJOSTROM, ANDERS, SE
[71] SCAN COIN AB, SE
[85] 2017-03-10
[86] 2015-09-14 (PCT/SE2015/050962)
[87] (WO2016/043647)
[30] SE (1451064-8) 2014-09-15

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[51] **Int.Cl. G06F 19/00 (2011.01) G01F 1/34 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **DEVICES AND SYSTEM FOR CHANNELING AND AUTOMATIC MONITORING OF FLUID FLOW IN FLUID DISTRIBUTION SYSTEMS**
[54] **DISPOSITIFS ET SYSTEME A DES FINS DE CANALISATION ET DE SURVEILLANCE AUTOMATIQUE DE L'ECOULEMENT DE FLUIDE DANS DES SYSTEMES DE DISTRIBUTION DE FLUIDE**
[72] LEADERS, JEFFREY L., US
[72] SMITH, MATTHEW SHANE, US
[72] MESS, FRANCIS M., US
[72] ELIA, SAMUEL, US
[72] ALMIRALL, JORGE C., US
[72] GESTNER, BRIAN, US
[71] SONETER, INC., US
[85] 2017-03-10
[86] 2015-08-14 (PCT/US2015/045320)
[87] (WO2016/025859)
[30] US (62/037,511) 2014-08-14

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[13] A1
[51] **Int.Cl. A22C 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING MEAT SLICES**
[54] **PROCEDE DE PREPARATION DE TRANCHES DE VIANDE**
[72] BAUER, ERIK, US
[71] HOLLYMATIC CORPORATION, US
[85] 2017-03-10
[86] 2015-09-01 (PCT/US2015/047856)
[87] (WO2016/053548)
[30] US (14/501,609) 2014-09-30

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G06F 19/24 (2011.01) G06K 9/78 (2006.01)**
[25] EN
[54] **IMAGE RECOGNITION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE D'IMAGES**
[72] SWAMINATHAN, MUTHUKARUPPAN, SG
[72] SJOBLOM, TOBIAS, SG
[72] CHEONG, IAN, SG
[72] PILOTO, OBDULIO, SG
[71] TEMASEK LIFE SCIENCES LABORATORY LIMITED, SG
[85] 2017-03-10
[86] 2015-09-15 (PCT/SG2015/050317)
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[54] **GENERATEUR DE VAPEUR DE PEROXYDE D'HYDROGENE POUR DES APPLICATIONS PETROLIFERES**
[72] RUSEK, JOHN J.P.E., US
[71] GLOBAL OIL EOR SYSTEMS, LTD., US
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[54] **CROSSE REGLABLE AUTOMATIQUE POUR ARMES DE POING**
[72] GOMIRATO, ANDREA, US
[72] FRANZINI, FRANCESCO, US
[71] BERETTA USA CORP., US
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[54] **METHOD FOR CONTROLLING A FORCED INDUCTION ENGINE**
[54] **PROCEDE DE COMMANDE D'UN MOTEUR A INDUCTION FORCEE**
[72] REISENBERGER, CHRISTIAN, AT
[72] MORIN, FREDERIC, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **MULTI-CHANNEL PLUMBING PRODUCTS**
[54] **PRODUITS DE PLOMBERIE A MULTIPLES CANAUX**
[72] MCHALE, JAMES, US
[72] IENTILE, JOSEPH, US
[72] PITSCH, WALTER, US
[72] L'HENAFF, JEAN-JACQUES, US
[71] AS IP HOLDCO, LLC, US
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[25] EN
[54] **COATED IMPLANTS, AND CORRESPONDING SYSTEMS AND METHODS**
[54] **IMPLANTS REVETUS, ET SYSTEMES ET PROCEDES CORRESPONDANTS**
[72] KLUEH, ULRIKE W., US
[72] KREUTZER, DONALD L., US
[71] CELL AND MOLECULAR TISSUE ENGINEERING, LLC, US
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[25] EN
[54] **PRESSURE COMPENSATION MECHANISM FOR A SEAL ASSEMBLY OF A ROTARY DRILLING DEVICE**
[54] **MECANISME DE COMPENSATION DE PRESSION POUR UN ENSEMBLE JOINT D'ETANCHEITE D'UN DISPOSITIF DE FORAGE ROTATIF**
[72] HAGAR, EVERETT P., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ROLL-UP COVERINGS FOR ARCHITECTURAL OPENINGS AND RELATED METHODS, SYSTEMS AND DEVICES**
[54] **REVETEMENTS ENROULES POUR OUVERTURES ARCHITECTURALES ET PROCEDES, SYSTEMES ET DISPOSITIFS ASSOCIES**
[72] COLSON, WENDELL B., US
[71] HUNTER DOUGLAS INC., US
[85] 2017-03-10
[86] 2015-09-10 (PCT/US2015/049444)
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[54] **APPARATUS FOR DIAGNOSTIC METER STRIP CONTROL AND IDENTIFICATION**
[54] **APPAREIL DE COMMANDE ET D'IDENTIFICATION D'UNE BANDELETTE DE MESURE UTILISEE A DES FINS DIAGNOSTIQUES**
[72] MODZELEWSKI, BRENT E., US
[72] LEONE, STEVEN V., US
[72] COMBS, BRADLEY S., US
[71] NIPRO DIAGNOSTICS, INC., US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[54] **PROCEDE DE PREPARATION DE 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[72] LI, XIAOYONG, US
[72] YANG, QIANG, US
[72] LORSBACH, BETH, US
[71] DOW AGROSCIENCES LLC, US
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[54] **HUMAN DOSING OF PHOSPHATASE INHIBITOR**
[54] **DOSAGE D'INHIBITEUR DE LA PHOSPHATASE CHEZ UN PATIENT HUMAIN**
[72] KOVACH, JOHN S., US
[71] LIXTE BIOTECHNOLOGY, INC., US
[85] 2017-03-10
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[25] EN
[54] **VERY LOW INDUCTANCE FLEXIBLE ELECTRICAL CONNECTOR INSERT**
[54] **GARNITURE DE CONNECTEUR ELECTRIQUE FLEXIBLE A TRES FAIBLE INDUCTANCE**
[72] GODANA, KEN, US
[72] ERVEN, DUSTY, US
[72] FOREMAN, KEVIN, US
[72] MILLER, PAUL, US
[71] QUELL CORPORATION, US
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[54] **MTORC1 INHIBITORS**
[54] **INHIBITEURS DE MTORC1**
[72] SHOKAT, KEVAN, US
[72] OKANIWA, MASANORI, JP
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **MULTILAMELLAR LIPID VESICLE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE VESICULES LIPIDIQUES MULTILAMELLAIRES ET PROCEDES D'UTILISATION**
[72] LI, ADRIENNE, US
[72] EBY, JACKSON, US
[72] DEMUTH, PETER C., US
[71] VEDANTRA PHARMACEUTICALS, INC., US
[85] 2017-03-10
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[30] US (62/049,239) 2014-09-11
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[25] EN
[54] **HUMANIZED MONOCLONAL ANTIBODY FOR INHIBITING VASCULAR ENDOTHELIAL LIPASE ENZYME ACTIVITY**
[54] **ANTICORPS MONOCLONAL HUMANISE DESTINE A INHIBER L'ACTIVITE DE L'ENZYME LIPASE ENDOTHELIALE VASCULAIRE**
[72] NAITO, SHOICHI, JP
[72] AINO, HIROAKI, JP
[72] NAKAMURA, ETSUO, JP
[72] IMAI, SUNAO, JP
[72] YAMANE, SHOJI, JP
[71] SHIONOGI & CO., LTD., JP
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[86] 2015-09-10 (PCT/JP2015/075668)
[87] (WO2016/039402)
[30] JP (2014-184710) 2014-09-11

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[25] EN
[54] **NONLINEAR TOOLFACE CONTROL SYSTEM FOR A ROTARY STEERABLE DRILLING TOOL**
[54] **SYSTEME DE COMMANDE NON LINEAIRE DE FACE DE COUPE POUR UN OUTIL DE FORAGE ORIENTABLE ROTATIF**
[72] XUE, YUZHEN, US
[72] DYKSTRA, JASON D., US
[72] GE, XIAOQING, US
[72] SONG, XINGYONG, US
[72] VADALI, VENKATA MADHUKANTH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS ET METHODES D'UTILISATION DE CES COMPOSITIONS**
[72] BAKER, SHENDA, US
[72] WIESMANN, WILLIAM P., US
[72] TOWNSEND, STACY MARIE, US
[71] SYNEDGEN, INC., US
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[25] EN
[54] **METHOD FOR PRODUCTION OF ALUMINUM CHLORIDE DERIVATIVES**
[54] **PROCEDE DE PRODUCTION DE DERIVES DE CHLORURE D'ALUMINIUM**
[72] WONDER, BRUCE, US
[71] USALCO, LLC, US
[85] 2017-03-10
[86] 2015-09-11 (PCT/US2015/049839)
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[25] EN
[54] **LIQUID COOLED METAL CORE PRINTED CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT IMPRIME A NOYAU METALLIQUE REFROIDI PAR LIQUIDE**
[72] D'ONOFRIO, NICHOLAS MICHAEL, US
[71] D'ONOFRIO, NICHOLAS MICHAEL, US
[85] 2017-03-10
[86] 2015-09-15 (PCT/US2015/050147)
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[30] US (62/050,488) 2014-09-15
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[51] **Int.Cl. H02K 7/02 (2006.01) H02J 15/00 (2006.01) H02K 5/04 (2006.01)**
[25] EN
[54] **ENERGY STORAGE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE STOCKAGE D'ENERGIE**
[72] PAIZ, MATT, US
[72] MARTINEZ, ERIC, US
[72] NGUYEN, TON, US
[72] NGUYEN, KHANG, US
[71] QUANTUM ENERGY STORAGE CORPORATION, US
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[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/553 (2006.01)**
[25] EN
[54] **RECOVERY OF ASPARTYL (ASPARAGINYL) BETA HYDROXYLASE (HAAH) FROM AN EXOSOMAL FRACTION OF HUMAN SERA FROM CANCER PATIENTS**
[54] **RECUPERATION DE L'ASPARTYL (ASPARAGINYL) BETA HYDROXYLASE (HAAH) A PARTIR D'UNE FRACTION EXOSOMALE DE SERUM HUMAIN PROVENANT DE PATIENTS ATTEINTS DU CANCER**
[72] SEMENUK, MARK, US
[72] GHANBARI, HOSSEIN, US
[72] LEBOWITZ, MICHAEL, US
[71] PANACEA PHARMACEUTICALS, INC., US
[85] 2017-03-10
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[54] **SYSTEMS AND METHODS FOR ATTENUATING OPIOID-INDUCED EUPHORIA**
[54] **SYSTEMES ET METHODES POUR ATTENUER UNE EUPHORIE INDUITE PAR DES OPIOIDES**
[72] HUMMEL, MICHELE, US
[72] KYLE, DONALD J., US
[72] WHITESIDE, GARTH, US
[71] PURDUE PHARMA L.P., US
[85] 2017-03-10
[86] 2015-09-14 (PCT/US2015/049948)
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[54] **PET TOILET**
[54] **TOILETTES POUR ANIMAUX DOMESTIQUES**
[72] HALLIDAY, JENI ELLIS, US
[71] ELLIS HALLIDAY LLC, US
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[54] **BLOCKING FORGIVENESS FOR DDOS**
[54] **BLOCAGE DE TOLERANCE AU DDOS**
[72] SMITH, ROBERT, US
[72] MARCK, SHAWN, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-03-10
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[30] US (62/050,053) 2014-09-12
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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01) A61M 27/00 (2006.01)**
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[54] **CURVED URINARY CATHETER**
[54] **CATHETER URINAIRE INCURVE**
[72] RICHARD, MARINE VERONIQUE GERMAINE, FR
[72] FOLEY, ADAM J., IE
[72] MCMENAMIN, MARTIN, IE
[71] HOLLISTER INCORPORATED, US
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[51] **Int.Cl. C03B 37/023 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATION OF METAL-COATED OPTICAL FIBER, AND THE RESULTING OPTICAL FIBER**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE FIBRE OPTIQUE METALLISEE, ET FIBRE OPTIQUE RESULTANTE**
[72] MIYAMOTO, MATSUHIRO, US
[72] D'URSO, JOHN, US
[72] FUJIMOTO, TAKUYA, JP
[72] ICHIKAWA, MASATERU, JP
[71] AFL TELECOMMUNICATIONS LLC, US
[71] FUJIKURA LTD., JP
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[25] EN
[54] **DERIVATIVES OF 1,3-PROPANEDIOL**
[54] **DERIVES DE 1,3-PROPANEDIOL**
[72] LIND, ERC J., US
[72] MAYER, PATRICIA A., US
[72] CHASE, JOHN A., US
[72] FOUTS, CHRISTINE S., US
[71] VANTAGE SPECIALTY CHEMICALS, INC., US
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[51] **Int.Cl. C10G 47/26 (2006.01) B01J 27/049 (2006.01) B01J 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR HYDROCRACKING, METHOD FOR PRODUCING HYDROCRACKED OIL, HYDROCRACKING DEVICE, AND DEVICE FOR PRODUCING HYDROCRACKED OIL**
[54] **PROCEDE D'HYDROCRAQUAGE, PROCEDE DE PRODUCTION D'HYDROCARBURE HYDROCRAQUE, DISPOSITIF D'HYDROCRAQUAGE, ET DISPOSITIF DE PRODUCTION D'HYDROCARBURE HYDROCRAQUE**
[72] MUROTA, MOTOHARU, JP
[72] OKUI, TOSHIAKI, JP
[72] TAKAHASHI, YOICHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[71] CHIYODA CORPORATION, JP
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[86] 2015-09-01 (PCT/JP2015/074890)
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[30] JP (2014-207628) 2014-10-08

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[25] EN
[54] **ANTI-ENDOTHELIAL LIPASE COMPOUNDS AND METHODS OF USING THE SAME IN THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES**
[54] **COMPOSES ANTI-LIPASE ENDOTHELIALE ET PROCEDES D'UTILISATION DE CES COMPOSES DANS LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES CARDIOVASCULAIRES**
[72] ELSHOURBAGY, NABIL, US
[72] MOUSA, SHAKER A., US
[72] MEYERS, HAROLD, US
[71] SHIFA BIOMEDICAL CORPORATION, US
[85] 2017-03-10
[86] 2015-09-23 (PCT/US2015/051630)
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[30] US (62/055,817) 2014-09-26

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[13] A1
[51] **Int.Cl. A61K 39/21 (2006.01) A61K 39/12 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS INFECTION**
[54] **METHODES ET COMPOSITIONS D'INDUCTION D'UNE IMMUNITE PROTECTRICE CONTRE L'INFECTION PAR LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE**
[72] BAROUCH, DAN, US
[72] SCHUITEMAKER, JOHANNA, NL
[72] PAU, MARIA GRAZIA, NL
[72] VAN MANEN, DANIELLE, NL
[72] TOMAKA, FRANK, US
[72] HENDRIKS, JENNIFER ANNE, NL
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[87] (WO2016/049287)
[30] US (62/056,059) 2014-09-26

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[13] A1
[51] **Int.Cl. B21F 45/16 (2006.01)**
[25] EN
[54] **GRATING CONNECTOR AND SPACER APPARATUS, SYSTEM, AND METHODS OF USING THE SAME**
[54] **APPAREIL DE RACCORDEMENT ET D'ESPACEMENT DE GRILLAGES DE FIL, SYSTEME, ET PROCEDES D'UTILISATION ASSOCIES**
[72] STILES, ALEXANDER, US
[71] HOLLAND LP, US
[85] 2017-03-10
[86] 2015-09-24 (PCT/US2015/051970)
[87] (WO2016/049330)
[30] US (62/054,432) 2014-09-24

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[13] A1
[51] **Int.Cl. A61K 35/12 (2015.01) A61K 35/30 (2015.01)**
[25] EN
[54] **NEURAL MICROPHYSIOLOGICAL SYSTEMS AND METHODS OF USING THE SAME**
[54] **SYSTEMES MICROPHYSIOLOGIQUES NEURONAUX ET LEURS METHODES D'UTILISATION**
[72] CURLEY, JABE LOWRY, US
[72] MOORE, MICHAEL JAMES, US
[72] KHOSHAKHLAGH, PARASTOO, US
[72] HALL, BENJAMIN JOHN, CH
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2017-03-10
[86] 2015-09-14 (PCT/US2015/050061)
[87] (WO2016/040961)
[30] US (62/049,692) 2014-09-12
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[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PEPTIDOMIMETIC MACROCYCLES AND FORMULATIONS THEREOF**
[54] **MACROCYCLES PEPTIDOMIMETIQUES ET FORMULATIONS DE CEUX-CI**
[72] ANNIS, DAVID ALLEN, US
[72] DARLAK, KRZYSZTOF, US
[72] RHODES, CHRIS, US
[72] KANAI, SONOKO, CH
[72] HOERNSCHEMEYER, JOERG, DE
[72] GRASS, MICHAELA, DE
[71] AILERON THERAPEUTICS, INC., US
[85] 2017-03-10
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[87] (WO2016/049355)
[30] US (62/054,842) 2014-09-24

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[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING POWER GRID DEMAND**
[54] **SYSTEMES ET PROCEDES DE GESTION DE DEMANDE DE RESEAU ELECTRIQUE**
[72] FITCH, JOHN E., US
[72] SADLER, CHRIS, US
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[54] **PROCEDE D'ANALYSE ELEMENTAIRE DE PRODUIT DE COLLATION DANS UNE CHAINE DE PRODUCTION DYNAMIQUE**
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[72] MARTIN, PAUL ALLAN, US
[72] RICHARDSON, SCOTTY G., US
[72] RUSSO, RICHARD E., US
[72] SHAO, CHEN C., US
[72] YOO, JONG HYUN, US
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[54] **COMPOSE HETEROCYCLIQUE**
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[72] SHIRAI, JUNYA, JP
[72] ODA, TSUNEO, JP
[72] IMADA, TAKASHI, JP
[72] KONO, MITSUNORI, JP
[72] SATO, AYUMU, JP
[72] TOMATA, YOSHIHIDE, JP
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[72] SASAKI, YUSUKE, JP
[72] FUKASE, YOSHIYUKI, US
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[54] **INTERCONNEXIONS SOUPLES POUR MODULES DE CIRCUITS INTEGRES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] GUPTA, SANJAY, US
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[54] **PREPARATION ET SEPARATION D'UN MELANGE CONTENANT UN ACIDE DICARBOXYLIQUE**
[72] DIAMOND, GARY M., US
[72] DIAS, ERIC L., US
[72] ARCHER, RAYMOND H., US
[72] MURPHY, VINCENT J., US
[72] BOUSSIE, THOMAS R., US
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[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **SYSTEME DE PRODUCTION ET DISPOSITIF DE SUSPENSION A TENSION**
[72] NGUYEN, DENNIS P., US
[72] LOUDON, TYLER, US
[71] CAMERON INTERNATIONAL CORPORATION, US
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[72] BORAAS, MICHAEL, A., US
[72] THOMFORDE, ANDREW, K., US
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[54] **ROTOR DE POMPE A COULIS**
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[71] WEIR MINERALS AUSTRALIA LTD, AU
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[54] **PROCEDES ET APPAREIL PERMETTANT DE TESTER DES EMETTEURS DE PUISSANCE SANS FIL ET SYSTEMES ASSOCIES**
[72] VON NOVAK, WILLIAM HENRY, III, US
[72] CHI, MEI-LI, US
[71] QUALCOMM INCORPORATED, US
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[54] **APPAREIL ET PROCEDE DE DEGONFLAGE DE PNEU**
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[54] **ENSEMBLE DE REDUCTION DE COMPRESSION D'ISOLATION POUR SYSTEMES DE TUBULURES**
[72] BOUDREAU, MARTIN, CA
[72] MONTPLAISIR, CHRISTIAN, CA
[71] 9380671 CANADA INC., CA
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[54] **DISPERSION PAR JET DE GAZ DE MATERIAUX FONDUS AU MOYEN DE GAZ DE DEGAGEMENT SOUS-PRODUITS**
[72] FAUCHER, SANTIAGO, CA
[72] MOSTAGHEL, SINA, CA
[72] SO, LAI CHI, CA
[72] CRAMER, MATTHEW, CA
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[54] **DECISIONS DE CODEUR BASEES SUR UN ALGORITHME DE HACHAGE POUR UN CODAGE VIDEO**
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[54] **DISTRIBUTEUR DE MOUSSE DE POLYURETHANE A DEUX CONSTITUANTS PULVERISEE SANS AGENTS GONFLANTS GAZEUX**
[72] HECKERT, MICHAEL F., US
[72] SCHULZ, PETER J., US
[72] SCHROER, DANIEL R., US
[72] TURPIN, MATTHEW J., US
[72] STEWART, GREGORY T., US
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[54] **UPAR TARGETING PEPTIDE FOR USE IN PEROPERATIVE OPTICAL IMAGING OF INVASIVE CANCER**
[54] **PEPTIDE DE CIBLAGE D'UPAR DESTINE A ETRE UTILISE EN IMAGERIE OPTIQUE PEROPERATOIRE DE CANCER INVASIF**
[72] KJAER, ANDREAS, DK
[72] PERSSON, MORTEN, DK
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[54] **POWER DISTRIBUTION PRIORITY CONTROLLER AND CONTROLLING METHOD OF A PHOTOVOLTAIC POWER GENERATION SYSTEM**
[54] **CONTROLEUR DE PRIORITE DE DISTRIBUTION D'ENERGIE ET PROCEDE DE COMMANDE POUR SYSTEME DE PRODUCTION D'ENERGIE PHOTOVOLTAIQUE**
[72] YANG, DU, CN
[72] SU, YUHAI, CN
[72] JIN, GUOHUA, CN
[72] XIAO, HUANMING, CN
[72] WANG, WENCAN, CN
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[54] **ELECTRODE A MANCHON POUR LES NERFS POUR NEUROMODULATION DANS DES TRONCS NERVEUX HUMAINS**
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[72] SHAH, NEMATH SYED, US
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[54] **DISPOSITIF ANTICORROSION**
[72] EUBELER, JAN, DE
[72] WACHS, TILO, DE
[72] MEIER, LEONHARD, DE
[72] VOGGENAUER, ROBERT, DE
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[54] **A ROTATING MAGNETIC FIELD RANGE FINDER AND ITS MEASUREMENT METHOD FOR RELATIVE SEPARATION BETWEEN DRILLING WELLS**
[54] **UN TELEMETRE DE CHAMP MAGNETIQUE ROTATIF ET SA METHODE DE MESURE DE L'ESPACEMENT RELATIF ENTRE DES PUITS DE FORAGE**
[72] ZHANG, YUE, CN
[72] LIN, YUAN, CN
[72] LI, PANPAN, CN
[72] CAO, CHENXIAO, CN
[71] BEIJING NANO TESLA TECHNOLOGY CO.LTD, CN
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[54] **DISPOSITIF ET PROCEDE D'AMORTISSEMENT PAR FRICTION**
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[71] VSL INTERNATIONAL AG, CH
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[54] **METHOD FOR PRODUCING METAL SHEET WITH RAISED LINES, METAL SHEET WITH RAISED LINES, AND STRUCTURAL COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UNE PLAQUE METALLIQUE A ARETES SAILLANTES, PLAQUE METALLIQUE A ARETES SAILLANTES ET COMPOSANT STRUCTURAL**
[72] NIKAIDO, HITOSHI, JP
[72] YONEBAYASHI, TORU, JP
[72] SATO, KOICHI, JP
[72] ITO, TERUO, JP
[72] KAMADA, DAIKI, JP
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[54] **MICROORGANISM CULTURE METHOD AND CULTURE APPARATUS**
[54] **PROCEDE DE CULTURE DE MICRO-ORGANISMES ET DISPOSITIF ASSOCIE**
[72] ISHII TETSUYA, JP
[72] SATOU KANETOMO, JP
[72] FUJIMORI YOJI, JP
[72] HAMACHI KOKORO, JP
[72] NISHIYAMA NORIHIDE, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[54] **SYSTEM, APPARATUS AND METHOD FOR ACCESS AND AUTHORIZATION CONTROL**
[54] **SYSTEME, APPAREIL ET PROCEDE DE CONTROLE D'ACCES ET D'AUTORISATION**
[72] KAPUSTIN, RICHARD, CA
[72] REID, JASON, CA
[71] GIFTAGRAM, CA
[85] 2017-03-13
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[25] EN
[54] **METHOD FOR PRODUCING ALUMINUM ALLOY MEMBER, AND ALUMINUM ALLOY MEMBER OBTAINED BY SAME**
[54] **PROCEDE POUR LA PRODUCTION D'UN ELEMENT EN ALLIAGE D'ALUMINIUM ET ELEMENT EN ALLIAGE D'ALUMINIUM OBTENU PAR CE DERNIER**
[72] INOUE, AKIKO, JP
[72] TAKAHASHI, TAKAYUKI, JP
[72] SATO, HIROAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **DISPOSITIF ET PROCEDE DE DETECTION DE CHUTE**
[72] RAANAN, AMATSIA, IL
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[71] HIP HOPE TECHNOLOGIES LTD., IL
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[54] **METHOD OF PRODUCTION OF CHANNEL MEMBER FOR FUEL CELL**
[54] **METHODE DE PRODUCTION D'ELEMENT DE CANAL DESTINE A UNE PILE A COMBUSTIBLE**
[72] IMAIZUMI, TAKUZO, JP
[72] GOTO, NAOMI, JP
[72] SHIBA, NAOKI, JP
[71] FUTAMURA KAGAKU KABUSHIKI KAISHA, JP
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[25] EN
[54] **CASING WEAR PREDICTION USING INTEGRATED PHYSICS-DRIVEN AND DATA-DRIVEN MODELS**
[54] **PREDICTION D'USURE DE TUBAGE A L'AIDE DE MODELES ENTRAINES PAR DONNEES ET ENTRAINES PAR PROCESSUS PHYSIQUES INTEGRES**
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[72] SAMUEL, ROBELLO, US
[72] DURSUN, SERKAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **SYSTEM AND METHOD OF ACTIVE TORCH MARKER CONTROL**
[54] **SYSTEME ET PROCEDE DE CONTROLE ACTIF DE MARQUEUR DE CHALUMEAU**
[72] BECKER, WILLIAM JOSHUA, US
[72] WEBER, JEFFREY DALE, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **TWO-PIECE NOZZLE ASSEMBLY FOR AN ARC WELDING APPARATUS**
[54] **ENSEMBLE BUSE EN DEUX PARTIES POUR APPAREIL DE SOUDAGE A L'ARC**
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[72] REDDING, GLENN K., US
[71] VICTOR EQUIPMENT COMPANY, US
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[54] **IMPROVED NEEDLE VALVE AND CONNECTORS FOR USE IN LIQUID TRANSFER APPARATUSES**
[54] **ROBINET A POINTEAU AMELIORE ET CONNECTEURS DESTINES A ETRE UTILISES DANS DES APPAREILS DE TRANSFERT DE LIQUIDE**
[72] KRIHELI, MARINO, IL
[71] EQUASHIELD MEDICAL LTD., IL
[85] 2017-03-13
[86] 2015-09-07 (PCT/IL2015/050898)
[87] (WO2016/042544)
[30] IL (234746) 2014-09-18

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[25] EN
[54] **AGRICULTURAL BLADES AND MACHINE PARTS WITH AMORPHOUS METAL LASER CLADDING**
[54] **LAMES AGRICOLES ET PIECES DE MACHINE A PLACAGE LASER EN METAL AMORPHE**
[72] STOFFEL, NEAL J., US
[72] PLACEK, CASEY, US
[72] JOHNSON, KEITH A., US
[72] BAEZ, HEATHER, US
[71] KONDEX CORPORATION, US
[85] 2017-03-13
[86] 2015-02-27 (PCT/US2015/018010)
[87] (WO2016/043803)
[30] US (62/050,687) 2014-09-15
[30] US (62/050,880) 2014-09-16

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[51] **Int.Cl. A01D 34/13 (2006.01)**
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[54] **LASER CLAD KNIFE GUARD**
[54] **GARDE DE COUTEAU PLAQUEE AU LASER**
[72] STOFFEL, NEAL J., US
[71] KONDEX CORPORATION, US
[85] 2017-03-13
[86] 2015-02-27 (PCT/US2015/018059)
[87] (WO2016/043804)
[30] US (62/050,687) 2014-09-15
[30] US (62/050,880) 2014-09-16

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[51] **Int.Cl. G09G 5/00 (2006.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **FACILITATING USER INPUT VIA ARM-MOUNTED DEVICE INTERFACING WITH HEAD-MOUNTED DEVICE**
[54] **FACILITATION DE L'ENTREE UTILISATEUR GRACE A UN PERIPHERIQUE FIXE AU BRAS ASSURANT L'INTERFACE AVEC UN DISPOSITIF D'AFFICHAGE A PORTER SUR LA TETE**
[72] SHERMAN, JOHN, US
[71] SHERMAN, JOHN, US
[85] 2017-03-13
[86] 2014-09-04 (PCT/US2014/053998)
[87] (WO2015/047681)
[30] US (61/884,344) 2013-09-30
[30] US (14/473,894) 2014-08-29

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[51] **Int.Cl. G08B 25/10 (2006.01)**
[25] EN
[54] **COMMUNICATION-CONNECTED BATTERY WITH EXPANSION CAPABILITY**
[54] **BATTERIE CONNECTEE EN COMMUNICATION A CAPACITE D'EXPANSION**
[72] PEETERS, ROEL, US
[72] BLACKWELL, JAMES, US
[71] ROOST, INC., US
[85] 2017-03-13
[86] 2015-07-07 (PCT/US2015/039312)
[87] (WO2016/007466)
[30] US (62/022,479) 2014-07-09
[30] US (14/501,011) 2014-09-29
[30] US (14/501,019) 2014-09-29
[30] US (14/554,989) 2014-11-26

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[51] **Int.Cl. B29C 45/44 (2006.01) A61M 39/10 (2006.01) B29C 33/50 (2006.01) B29C 45/26 (2006.01)**
[25] EN
[54] **SINGLE CORE PIN ASSEMBLY THAT CREATES TWO INDEPENDENT VALVE RETAINERS FOR ENTERAL FEEDING HEAD**
[54] **ENSEMBLE BROCHE-NOYAU UNIQUE QUI CREE DEUX ORGANES INDEPENDANTS DE RETENUE DE VALVE POUR TETE D'ALIMENTATION ENTERALE**
[72] MCMICHAEL, DONALD J., US
[72] DZIAK, KATHERINE L., US
[71] AVENT, INC., US
[85] 2017-03-13
[86] 2014-09-26 (PCT/US2014/057601)
[87] (WO2016/048339)

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[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/00 (2012.01) G01V 1/48 (2006.01)**
[25] EN
[54] **INTEGRATING VERTICAL SEISMIC PROFILE DATA FOR MICROSEISMIC ANISOTROPY VELOCITY ANALYSIS**
[54] **INTEGRATION DE DONNEES DE PROFIL SISMIQUE VERTICAL POUR L'ANALYSE DE LA VITESSE D'ANISOTROPIE MICROSISMIQUE**
[72] PEI, DONGHONG, US
[72] WARPINSKI, NORMAN R., US
[72] MACHOVOE, SEAN ROBERT, US
[72] PALACIOS, PEDRO WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-10-01 (PCT/US2014/058556)
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[51] **Int.Cl. E21B 47/002 (2012.01) G01B 11/00 (2006.01) G01N 21/01 (2006.01)**
[25] EN
[54] **OPTICALLY SENSING SUBTERRANEAN PHYSICAL PROPERTIES USING WAVELENGTH DIVISION MULTIPLEXING**
[54] **DETECTION OPTIQUE DE PROPRIETES PHYSIQUES SOUTERRAINES EN UTILISANT UN MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] CHOI, HAN-SUN, US
[72] BARFOOT, DAVID A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-13
[86] 2014-10-14 (PCT/US2014/060337)
[87] (WO2016/060644)

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[13] A1
[51] **Int.Cl. H04N 13/02 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CAPTURING, STREAMING AND/OR PLAYING BACK CONTENT**
[54] **PROCEDES ET APPAREILS POUR CAPTURER, LIRE EN CONTINU ET/OU LIRE EN DIFFERE UN CONTENU**
[72] COLE, DAVID, US
[72] MOSS, ALAN MCKAY, US
[72] MEDINA, HECTOR M., US
[71] NEXTVR INC., US
[85] 2017-03-13
[86] 2015-09-03 (PCT/US2015/048439)
[87] (WO2016/037014)
[30] US (62/045,004) 2014-09-03

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[13] A1
[51] **Int.Cl. C09K 8/532 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INHIBITING SULFIDE STRESS CRACKING**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'INHIBER UNE CORROSION FISSURANTE PROVOQUEE PAR L'HYDROGENE SULFURE**
[72] CHEN, GONG, US
[72] CASSIDY, JUANITA M., US
[72] LANE, JIM L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-13
[86] 2014-10-16 (PCT/US2014/060802)
[87] (WO2016/060664)

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[25] EN
[54] **PERSONALIZED CANCER VACCINES AND METHODS THEREFOR**
[54] **VACCINS ANTICANCEREUX PERSONNALISES, ET PROCEDES CORRESPONDANTS**
[72] CARRENO, BEATRIZ, US
[72] LINETTE, GERALD, US
[72] MARDIS, ELAINE, US
[72] MAGRINI, VINCENT, US
[71] WASHINGTON UNIVERSITY, US
[85] 2017-03-13
[86] 2015-09-11 (PCT/US2015/049836)
[87] (WO2016/040900)
[30] US (62/050,195) 2014-09-14
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[51] Int.Cl. E21B 17/08 (2006.01) E21B 17/00 (2006.01) E21B 17/02 (2006.01) G06K 19/077 (2006.01) F16L 9/00 (2006.01) G01S 13/75 (2006.01)
[25] EN
[54] A PIPING BODY HAVING AN RFID TAG
[54] CORPS DE TUYAUTERIE AYANT UNE ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)
[72] DREVDAL, KJELL ERIK, NO
[72] HALVORSEN, HALVOR, NO
[71] TUBOSCOPE NORGE AS, NO
[85] 2017-03-13
[86] 2015-09-30 (PCT/NO2015/050177)
[87] (WO2016/056920)
[30] NO (20141998) 2014-10-07

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[25] EN
[54] MASS SPECTROMETER
[54] SPECTROMETRE DE MASSE
[72] ASANO, NATSUYO, JP
[71] SHIMADZU CORPORATION, JP
[85] 2017-03-13
[86] 2014-09-17 (PCT/JP2014/074591)
[87] (WO2016/042627)

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[51] Int.Cl. A61G 5/08 (2006.01) A61G 5/10 (2006.01)
[25] EN
[54] A DUAL CONFIGURATION PORTABLE WHEELCHAIR
[54] FAUTEUIL ROULANT PORTATIF A CONFIGURATION DOUBLE
[72] THOMPSON, PETER JAMES, NZ
[71] THOMPSON LAFFERTY DESIGN LIMITED, NZ
[85] 2017-03-13
[86] 2015-09-17 (PCT/NZ2015/050154)
[87] (WO2016/043606)
[30] NZ (700168) 2014-09-18

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[51] Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01) C07D 498/14 (2006.01)
[25] EN
[54] TRICYCLIC DERIVATIVE
[54] DERIVE TRICYCLIQUE
[72] BURDI, DOUGLAS F., US
[72] TANAKA, DAISUKE, JP
[72] FUJII, YUKI, JP
[72] KAWASUMI, MUNEO, JP
[71] SUNOVION PHARMACEUTICALS INC., US
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2017-03-13
[86] 2015-09-17 (PCT/JP2015/004781)
[87] (WO2016/042775)
[30] US (62/052,362) 2014-09-18

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[51] Int.Cl. A61K 31/4704 (2006.01)
[25] EN
[54] TREATMENT OF NEURODEGENERATIVE DISEASES WITH COMBINATION OF LAQUINIMOD AND FINGOLIMOD
[54] TRAITEMENT DE MALADIES NEURODEGENERATIVE AVEC UNE COMBINAISON DE LAQUINIMOD ET DE FINGOLIMOD
[72] HAYDEN, MICHAEL, IL
[72] HAYARDENY, LIAT, IL
[72] LADKANI, DAVID, IL
[71] TEVA PHARMACEUTICALS INDUSTRIES LTD., IL
[85] 2017-03-13
[86] 2015-09-11 (PCT/US2015/049799)
[87] (WO2016/044103)
[30] US (62/050,842) 2014-09-16

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[13] A1
[51] Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01) B21D 24/00 (2006.01)
[25] EN
[54] PRODUCING METHOD, PRODUCING APPARATUS AND PRODUCING EQUIPMENT LINE OF PRESS FORMED PRODUCT
[54] PROCEDE DE PRODUCTION D'ARTICLE MOULE A LA PRESSE, APPAREIL DE PRODUCTION, ET LIGNE DE PRODUCTION
[72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] YONEBAYASHI, TORU, JP
[72] SATO, KOICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-13
[86] 2015-09-29 (PCT/JP2015/004926)
[87] (WO2016/051765)
[30] JP (2014-203319) 2014-10-01

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[51] Int.Cl. F16L 15/04 (2006.01) E21B 17/03 (2006.01) E21B 17/042 (2006.01)
[25] EN
[54] THREADED JOINT FOR STEEL PIPES
[54] JOINT FILETE POUR TUBES EN ACIER
[72] SUGINO, MASAAKI, JP
[72] NISHIKAWA, YUKIHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2017-03-13
[86] 2015-10-05 (PCT/JP2015/005063)
[87] (WO2016/056222)
[30] JP (2014-205899) 2014-10-06

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[13] A1
[51] **Int.Cl. H04N 5/85 (2006.01) G11B 20/00 (2006.01)**
[25] EN
[54] **A METHOD OF PROTECTION OF OPTICAL MEDIA, SUCH AS CDS AND DVDS AGAINST UNAUTHORISED COPYING AND A NON-STANDARD OPTICAL AUDIO DISC AND VIDEO DISC WITH PROTECTION AGAINST LOADING ANDPLAYING IN PERSONAL COMPUTERS AND MATRICES FOR MAKING THEREOF**
[54] **METHODE DE PROTECTION DE SUPPORTS OPTIQUES, TELS QUE DES CD ET DES DVD, CONTRE LA COPIE NON AUTORISEE ET DISQUE AUDIO ET DISQUE VIDEO OPTIQUES NON STANDARD AVEC PROTECTION CONTRE LE CHARGEMENT ET LA LECTURE DANS LES ORDINATEURS INDIVIDUELS, ET MATRICES POUR LA FABRICATION DE CEUX-CI**
[72] SUTOVSKY, IVAN, SK
[72] SAFARIK, IVAN, SK
[72] ZACHAR, MILAN, SK
[71] SUTOVSKY, IVAN, SK
[71] SAFARIK, IVAN, SK
[71] ZACHAR, MILAN, SK
[85] 2017-03-13
[86] 2014-04-04 (PCT/SK2014/050011)
[87] (WO2015/072933)
[30] SK (PUV 50132-2013) 2013-11-13
[30] SK (PUV 50017-2014) 2014-02-21

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[13] A1
[51] **Int.Cl. B21B 1/08 (2006.01) B21B 27/02 (2006.01) B21D 53/88 (2006.01) B21H 8/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING METAL SHEET WITH RAISED LINES, METAL SHEET WITH RAISED LINES, AND STRUCTURAL COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UNE PLAQUE METALLIQUE A ARETES SAILLANTES, PLAQUE METALLIQUE A ARETES SAILLANTES ET COMPOSANT DE STRUCTURE**
[72] NIKAIDO, HITOSHI, JP
[72] YONEBAYASHI, TORU, JP
[72] SATO, KOICHI, JP
[72] ITO, TERUO, JP
[72] KAMADA, DAIKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-13
[86] 2015-10-07 (PCT/JP2015/005092)
[87] (WO2016/056234)
[30] JP (2014-208072) 2014-10-09
[30] JP (2014-208073) 2014-10-09
[30] JP (2015-051992) 2015-03-16

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[13] A1
[51] **Int.Cl. A01C 7/16 (2006.01)**
[25] EN
[54] **ACOUSTIC MATERIAL FLOW SENSOR**
[54] **CAPTEUR ACOUSTIQUE D'ECOULEMENT DE MATERIAU**
[72] GELINSKE, JOSHUA N., US
[72] BATCHELLER, BARRY D., US
[72] NYSTUEN, PAUL A., US
[72] REICH, ADAM A., US
[72] THUROW, BRADLEY R., US
[72] SCHLEUSNER, BRADLEY K., US
[71] INTELLIGENT AGRICULTURAL SOLUTIONS, LLC, US
[85] 2017-03-13
[86] 2015-09-14 (PCT/US2015/050059)
[87] (WO2016/040959)
[30] US (62/049,616) 2014-09-12
[30] US (14/853,962) 2015-09-14

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[13] A1
[51] **Int.Cl. C07F 9/6561 (2006.01)**
[25] EN
[54] **NUCLEOTIDE ANALOGS**
[54] **ANALOGUES NUCLEOTIDIQUES**
[72] HOSTETLER, KARL Y., US
[72] BEADLE, JAMES R., US
[72] VALIAEVA, NADEJDA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-03-13
[86] 2015-09-15 (PCT/US2015/050202)
[87] (WO2016/044281)
[30] US (62/050,624) 2014-09-15

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[13] A1
[51] **Int.Cl. G06K 9/52 (2006.01)**
[25] EN
[54] **NON-IMAGE-BASED GRAIN QUALITY SENSOR**
[54] **CAPTEUR DE QUALITE DE GRAIN NON FONDE SUR IMAGE**
[72] BUTTS, NICHOLAS L., US
[72] BREMER, MARSHALL T., US
[72] TOLSTEDT, JONATHAN L., US
[71] APPAREO SYSTEMS, LLC, US
[85] 2017-03-13
[86] 2015-09-14 (PCT/US2015/050060)
[87] (WO2016/040960)
[30] US (62/049,616) 2014-09-12
[30] US (14/853,971) 2015-09-14

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[13] A1
[51] **Int.Cl. C10B 29/02 (2006.01) C10B 15/02 (2006.01)**
[25] EN
[54] **COKE OVENS HAVING MONOLITH COMPONENT CONSTRUCTION**
[54] **FOURS A COKE A COMPOSANTS MONOLITHIQUES**
[72] WEST, GARY DEAN, US
[72] QUANCI, JOHN FRANCIS, US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
[85] 2017-03-13
[86] 2015-09-15 (PCT/US2015/050295)
[87] (WO2016/044347)
[30] US (62/050,738) 2014-09-15

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[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) G01J 3/443 (2006.01)**
[25] EN
[54] **NORMALIZING THE RESPONSE OF A FLUORESCENCE INSTRUMENT USING SPECTRAL RESPONSE**
[54] **NORMALISATION DE LA REPONSE D'UN INSTRUMENT DE FLUORESCENCE A L'AIDE D'UNE REPONSE SPECTRALE**
[72] HEAVNER, DAVID A., US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[85] 2017-03-13
[86] 2015-09-17 (PCT/US2015/050576)
[87] (WO2016/044523)
[30] US (62/052,132) 2014-09-18

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MATCHING DELAYED INFUSION AUTO-PROGRAMS WITH MANUALLY ENTERED INFUSION PROGRAMS**
[54] **PROGRAMMES AUTOMATIQUES DE PERFUSION RETARDEE D'ADAPTATION AVEC PROGRAMMES DE PERFUSION ENTRES MANUELLEMENT**
[72] KOHLBRECHER, CHRISTOPHER, US
[71] ICU MEDICAL, INC., US
[85] 2017-03-13
[86] 2015-09-15 (PCT/US2015/050128)
[87] (WO2016/044232)
[30] US (62/050,536) 2014-09-15
[30] US (14/853,198) 2015-09-14

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) A23L 3/28 (2006.01) A61L 2/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ROOM AND AREA DISINFECTION UTILIZING PULSED LIGHT WITH MODULATED POWER FLUX AND LIGHT SYSTEMS WITH VISIBLE LIGHT COMPENSATION BETWEEN PULSES**
[54] **DESINFECTION DE SALLE ET DE ZONE UTILISANT LA LUMIERE PULSEE AVEC FLUX DE PUISSANCE MODULEE ET SYSTEMES DE LUMIERE AVEC COMPENSATION DE LUMIERE VISIBLE ENTRE LES IMPULSIONS**
[72] STIBICH, MARK A., US
[72] DALE, CHARLES, US
[72] GUERRERO, EDWARD C., JR., US
[72] FROUTAN, PAUL P., US
[72] SIMMONS, SARAH E., US
[72] CIORNEIU, BORIS, US
[71] XENEX DISINFECTION SERVICES, LLC, US
[85] 2017-03-13
[86] 2015-09-18 (PCT/US2015/051010)
[87] (WO2016/044759)
[30] US (62/052,036) 2014-09-18

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[13] A1
[51] **Int.Cl. A61F 2/04 (2013.01) A61L 27/02 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR FORMING FIBROUS TUBES**
[54] **PROCEDES ET APPAREILS POUR FORMER DES TUBES FIBREUX**
[72] ENGELMAYR, GEORGE C., JR., US
[72] NIKLASON, LAURA E., US
[72] DAHL, SHANNON L., US
[72] STRADER, JUSTIN T., US
[72] ZHANG, JINLIN, US
[72] IRWIN, STUART, US
[71] HUMACYTE, INC., US
[85] 2017-03-13
[86] 2015-09-18 (PCT/US2015/051015)
[87] (WO2016/044762)
[30] US (62/052,236) 2014-09-18

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[13] A1
[51] **Int.Cl. G06F 12/02 (2006.01) G06F 3/06 (2006.01)**
[25] EN
[54] **ASYNCHRONOUS PROCESSING OF MAPPING INFORMATION**
[54] **TRAITEMENT ASYNCHRONE D'INFORMATIONS DE MAPPAGE**
[72] TALWALKAR, ANUP, US
[72] MARKLE, SETH WILLIAM, US
[72] HERSHEY, STEVEN MICHAEL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-13
[86] 2015-09-21 (PCT/US2015/051249)
[87] (WO2016/048904)
[30] US (14/494,360) 2014-09-23

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[13] A1
[51] **Int.Cl. A63F 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MODIFYING A GRAPHICAL USER INTERFACE FOR AN ELECTRONIC GAME OF BACCARAT IN ORDER TO FACILITATE A MULTIPLIER FEATURE**
[54] **MODIFICATION D'UNE INTERFACE UTILISATEUR GRAPHIQUE POUR UN JEU DE BACCARAT ELECTRONIQUE POUR FACILITER UNE CARACTERISTIQUE DE MULTIPLICATEUR**
[72] MOORE, STEPHEN, US
[72] RUSSELL, MICHAEL, US
[72] DALEY, JOHN, US
[71] WALKER DIGITAL TABLE SYSTEMS, LLC, US
[85] 2017-03-13
[86] 2015-10-24 (PCT/US2015/057264)
[87] (WO2016/065351)
[30] US (62/068,684) 2014-10-25

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 11/08 (2006.01) H04L 29/00 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION OF SHARED FOLDERS AND FILES**
[54] **SYNCHRONISATION DE DOSSIERS ET DE FICHIERS PARTAGES**
[72] PENANGWALA, AMAAN AHMED, US
[72] SEHGAL, RICHA, US
[72] PLANT, SCOTT ANTHONY, US
[72] EISNER, NOAH, US
[72] GILLETT, KEVIN GEORGE, US
[72] ANDRUSCHUK, BORISLAV, US
[72] OAKLEY, STEPHEN JOSEPH, US
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[54] **COMPOSES FONCTIONNALISES AU SILANE ET COMPOSITIONS ASSOCIEES**
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[72] PINNOW, MATTHEW, US
[72] BANSAL, AMITABH, US
[71] HEXION INC., US
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[54] **MACROCYCLES PEPTIDOMIMETIQUES ET LEURS UTILISATIONS**
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[72] ANNIS, DAVID ALLEN, US
[72] CHANG, YONG, US
[72] AIVADO, MANUEL, US
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[54] **OUTIL, SYSTEME ET PROCEDE D'ETABLISSEMENT D'HORAIRES DE VOYAGE**
[72] BACK, GARRY ROBERT, AU
[72] DE VOS, VAUGHAN GERARD, AU
[71] INX SOFTWARE PTY LTD, AU
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[54] **SYSTEM AND METHOD FOR HEALTH PROVIDERS TO DELIVER PROGRAMS TO INDIVIDUALS**
[54] **SYSTEME ET PROCEDE POUR DES FOURNISSEURS DE SERVICES SE RAPPORTANT A LA SANTE A DES FINS DE MISE EN □UVRE DE PROGRAMMES AUPRES D'INDIVIDUS**
[72] SERBINIS, MICHAEL, CA
[72] LEIBU, DANIEL, CA
[72] GALPERIN, DAN, CA
[72] HUMPHREY, TODD, CA
[72] HILBORN, PAMELA, CA
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[54] **METHODE DE PRESENTATION DE DISPOSITIF TERMINAL ET DISPOSITIF TERMINAL**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DISPOSITIF DE DISSIPATION DE CHALEUR DE TERMINAL INTELLIGENT ET TERMINAL INTELLIGENT**
[72] JIN, LINFANG, CN
[72] KANG, NANBO, CN
[72] ZOU, JIE, CN
[72] HUI, XIAOWEI, CN
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[54] **PROCEDES DE PRODUCTION D'ETHANOL ET ORGANISMES DE FERMENTATION**
[72] DIAO, LIUYANG, CN
[72] SUTTON, KATE BRANDON, US
[72] JIANG, YU, CN
[72] YANG, SHENG, CN
[72] QIAN, FENGHUI, CN
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[54] **MODELES DE GRAMMAIRE GENERATIVE DE PROMOTION ET DE PUBLICITE**
[72] CHURCHILL, ELIZABETH, US
[72] DAS SARMA, ATISH, US
[72] SHERMAN, CORINNE ELIZABETH, US
[72] SINGH, GYANIT, US
[71] EBAY INC., US
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[54] **PROCEDE DE GESTION DE RESSOURCES, HOTE, ET POINT D'EXTREMITE**
[72] YU, BAIFENG, CN
[72] GU, JIONGJIONG, CN
[72] LIN, MUHUI, CN
[72] YU, ZHOU, CN
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[54] **RECIPIENT DE SCELLAGE ET PROCEDE D'UTILISATION**
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[72] FARELLA, RALPH, US
[71] LANTHEUS MEDICAL IMAGING, INC., US
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[72] HILL, WILLIAM CHARLES, US
[72] STOTT, SHANE JOSEPH, US
[72] STOTT, SEAN GALE, US
[71] ZEN FLOAT CO. LLC, US
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[54] **COMPOSITION INCLUDING VISCOSIFIER POLYMER AND POLYAMINE VISCOSITY MODIFIER FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **COMPOSITION COMPRENANT UN POLYMERE AMELIORANT D'INDICE DE VISCOSITE ET MODIFICATEUR DE VISCOSITE EN POLYAMINE DESTINEE AU TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] GALINDO, KAY ANN, US
[72] ZHA, WEIBIN, US
[72] DEVILLE, JAY PAUL, US
[72] ZHOU, HUI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DILUANT DE RECYCLAGE POUR SYSTEME D'ECHANTILLONNAGE DE FLUIDE DE PUITS DE FORAGE**
[72] MURPHY, ROBERT J., US
[72] KULKARNI, SANDEEP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONCEPTION DE TRAJET OPTIMAL AUTOMATISE POUR FORAGE DIRECTIONNEL**
[72] DYKSTRA, JASON DANIEL, US
[72] XUE, YUZHEN, US
[72] VADALI, VENKATA MADHUKANTH, US
[72] GE, XIAOQING, US
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[54] **SYSTEMES DE DEVIATION DESTINES A ETRE UTILISES DANS DES OPERATIONS DE TRAITEMENT DE PUITS**
[72] NELSON, SCOTT G., US
[72] GUPTA, D.V. SATYANARAYANA, US
[72] JENSEN, ANNA, US
[72] CASTILLO, DORIANNE ARLENE, US
[72] BRANNON, HAROLD DEAN, US
[72] LEMONS, JIMIE DEVON, US
[72] STARKS II, THOMAS RAY, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **EVALUATING SOLID PARTICLE SEPARATION IN WELLBORE FLUIDS**
[54] **EVALUATION DE LA SEPARATION DE PARTICULES SOLIDES DANS DES FLUIDES DE PUITS DE FORAGE**
[72] SHEN, RUI, CN
[72] HARVEY, TIMOTHY N., US
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] WEI, HE, US
[72] BRUNS, OLIVER T., US
[72] CHEN, OU, US
[72] BAWENDI, MOUNGI G., US
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[54] **BLASTOSPORES FONGIQUES STABLES ET PROCEDES POUR LEUR PRODUCTION, STABILISATION ET UTILISATION**
[72] JACKSON, MARK A., US
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[54] **ABSORPTION SONORE GEOMETRIQUE PAR FABRICATION ADDITIVE**
[72] HAYES, MICHAEL WILLIAMS, US
[72] CUDDY, NATHANIAL C., US
[71] THE BOEING COMPANY, US
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[54] **APPAREIL DE REVETEMENT ET METHODE DE FABRICATION ADDITIVE**
[72] GILLESPIE, SHANE MATTHEW, US
[72] STEVENSON, CHRISTIAN XAVIER, US
[72] KENNEY, PATRICK MICHAEL, US
[72] WANG, PING, US
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[71] NUNHEMS BV, NL
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[54] **CONVERSION D'UN SYSTEME DE TUYAU DE PURIFICATION EN UN TUYAU D'ASPIRATION**
[72] HEIMDAL, TOR, US
[72] VORWALLER, JOHN, US
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[54] **SYSTEME DE FILTRE D'HYDRATATION SOUS PRESSION**
[72] ROBERT, JAY, US
[71] PLANO MOLDING COMPANY, US
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[54] **POPULATIONS DE CELLULES SOUCHES PLACENTAIRES**
[72] EDINGER, JAMES W., US
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[72] WANG, JIA-LUN, US
[72] YE, QIAN, US
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[54] **FLOOR MAT SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE TAPIS DE PLANCHER ET SUPPORT INFORMATIQUE ET PROCEDES MIS EN OEUVRE PAR ORDINATEUR ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
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[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **SYSTEMES ET PROCEDES DESTINES A DES COMMUNICATIONS INSENSIBLES AUX DEFA LLANCES**
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[71] SAS INSTITUTE INC., US
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[54] **DEVICE, SYSTEM, AND METHOD TO MEASURE ABDOMINAL AORTIC ANEURYSM DIAMETER**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR MESURER UN DIAMETRE D'ANEVRISME DE L'AORTE ABDOMINALE**
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[72] MCMORROW, GERALD, US
[71] VERATHON INC., US
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[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TAYLOR, GEORGE, CA
[72] TRAUTMAN, MARK, US
[71] HARRIS CORPORATION, US
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[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 7/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_64 800 BITS ET UN TAUX DE CODE DE 7/15 ET PROCEDE D'ENCODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
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[54] **UTILISATION DE PROTEINES GAG NON DE SOUS-TYPE B POUR L'EMBALLAGE LENTIVIRAL**
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[72] CHARNEAU, PIERRE, FR
[72] BAUCHE, CECILE, FR
[71] THERAVECTYS, FR
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[72] BICKFORD, JEFFRY G., US
[71] THE BOEING COMPANY, US
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[72] GARCIA, RICHARD JEFF, US
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[72] HODGSON, IAN JOHN, US
[72] LENNON, CHRISTOPHER DAVID JOHN, US
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[54] **COMPOSITIONS DE NEISSERIA MENINGITIDIS ET PROCEDES ASSOCIES**
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[72] HOISETH, SUSAN KAY, US
[72] JANSEN, KATHRIN UTE, US
[72] MORAN, JUSTIN KEITH, US
[72] RUPPEN, MARK E., US
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[54] **RECEPTEUR DE RADIODIFFUSION NUMERIQUE, PROCEDES DE DIFFUSION ET PROCEDES DE REPERAGE DE CONTENU SOLLICITE**
[72] DILLON, ROBERT MICHAEL, US
[72] CHALMERS, HARVEY, US
[72] O'BRIEN, THOMAS JOSEPH, US
[72] NUNGESTER, GREGORY, US
[72] BURKE, RODNEY BERNARD, US
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[54] **SYSTEME ET PROCEDE POUR REALISER UNE HEMODIALYSE ET UNE HEMOFILTRATION**
[72] ROBINSON, THOMAS P., US
[72] FULKERSON, BARRY, US
[72] MISHELEVICH, DAVID, US
[72] RUSSELL, T. JOSEPH, US
[72] GHIDOLI, DANIELE, US
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[54] **SYSTEME MODULAIRE POUR CENTRE DE TRAITEMENT DE L'INFORMATION**
[72] CZAMARA, MICHAEL P., US
[72] MORALES, OSVALDO P., US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDE ET APPAREIL POUR ETABLIR UNE COMMUNICATION FLUIDE ENTRE DES PUITS HORIZONTAUX**
[72] NENNIGER, JOHN, CA
[72] MELISSARI, BLAS, UY
[72] KRAWCHUK, PAUL, CA
[72] WIKSTON, JAMES, CA
[72] GUNNEWIEK, LOWY, CA
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[72] BHARDWAJ, ANURAG, US
[72] DI, WEI, US
[72] HAMID, MUHAMMAD RAFFAY, US
[72] PIRAMUTHU, ROBINSON, US
[72] SUNDARESAN, NEELAKANTAN, US
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[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE ANIMEE, DISPOSITIF DE DECODAGE D'IMAGE ANIMEE, PROCEDE DE CODAGE D'IMAGE ANIMEE ET PROCEDE DE DECODAGE D'IMAGE ANIMEE**
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[72] SUGIMOTO, KAZUO, JP
[72] HIWASA, NORIMICHI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[71] THE LARYNGEAL MASK COMPANY LIMITED, SC
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[54] **PROCEDES ET SYSTEMES AMELIORANT LA PRECISION DANS LES COMPARATEURS DE COURANT**
[72] EVANS, MARK, CA
[72] PAGE, IAIN, CA
[72] BARCZYK, TOMASZ, CA
[72] MIKOLAJEK, KENNETH, CA
[71] GUILDLINE INSTRUMENTS LIMITED, CA
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[54] **SYSTEME DE SYNCHRONISATION DE ROUTAGE INTELLIGENT ET PROCEDES DE SOCIABILISATION D'UNE REDIFFUSION DE SYNTHESE ET FLUX DE GROUPE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, DAVID, US
[72] EASON, HAROLD R., US
[71] REMOTE MEDIA, LLC, US
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[54] **RECIPIENT-VERSEUR**
[72] SASAKI, TSUYOSHI, JP
[72] KURIYAMA, TAKEFUMI, JP
[72] IIZUKA, SHIGEO, JP
[72] MIZUSHIMA, HIROSHI, JP
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[54] **MOTION AND VIBRATION CUING SYSTEM**
[54] **SYSTEME D'INDICATION DE MOUVEMENTS ET DE VIBRATIONS**
[72] GARVIS, ANDREW W., ZZ
[72] WHILHELM, DENNIS P., ZZ
[72] JOHNSON, RICHARD E., ZZ
[72] LANSRUD, STEVEN G., ZZ
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[54] **AUTOMATED SENSOR SPECIFIC CALIBRATION THROUGH SENSOR PARAMETER DOWNLOAD**
[54] **ETALONNAGE AUTOMATISE SPECIFIQUE DE CAPTEURS PAR TELECHARGEMENT DES PARAMETRES DES CAPTEURS**
[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] HASZ, WAYNE CHARLES, US
[72] CHAN, DAVID SO KEUNG, US
[72] SHADDOCK, DAVID MULFORD, US
[72] DOWN, JOHN HARRY, US
[72] DASGUPTA, SAMHITA, US
[72] PARRY, DAVID WALTER, US
[72] ESLER, DAVID RICHARD, US
[72] REN, ZHIYUAN, US
[72] BALASUBRAMANIAM, MAHADEVAN, US
[72] HERRON, WILLIAM LEE (DECEASED), US
[71] GENERAL ELECTRIC COMPANY, US
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[72] ALBRECHT, JEREMY J., US
[72] BRUSTAD, JOHN R., US
[72] JOHNSON, GARY M., US
[72] BECERRA, MATTHEW W., US
[72] NGUYEN, ERIC, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[25] EN
[54] **METHOD AND SYSTEM FOR HANDLING CONTAINERS**
[54] **PROCEDE ET SYSTEME DE MANIPULATION DE RECIPIENTS**
[72] KELLEY, PAUL V., US
[72] BYSICK, SCOTT E., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/44 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 5/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 5/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING VEHICLE MASS TAMPER EVENTS**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'EVENEMENTS D'ALTERATION DE LA MASS D'UN VEHICULE**
[72] KARL, CHARLES, AU
[72] CAI, DAVID DAJIA, AU
[72] DAVIS, LLOYD, AU
[72] BLANKSBY, CHRIS, AU
[71] TRANSPORT CERTIFICATION AUSTRALIA LIMITED, AU
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[51] **Int.Cl. G02B 26/08 (2006.01)**
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[54] **DISPLAY DEVICE USING MICROPILLARS AND METHOD THEREOF**
[54] **DISPOSITIF D'AFFICHAGE UTILISANT DES MICROPILIERS ET PROCEDE CONNEXE**
[72] WILKINS, DONALD, US
[71] THE BOEING COMPANY, US
[22] 2014-01-08
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[51] **Int.Cl. H04W 80/00 (2009.01) H04W 36/08 (2009.01) H04L 12/951 (2013.01) B61L 7/06 (2006.01) B61L 27/00 (2006.01) H04J 3/16 (2006.01)**
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[54] **SYSTEMES ET PROCEDES D'INTEROPERABILITE DE COMMANDE POSITIVE DE TRAINS**
[72] HIMSOON, THANONGSAK, US
[72] SIRIWONGPAIRAT, WIPAWEE, US
[71] METEORCOMM LLC, US
[22] 2010-09-24
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[30] US (61/277,507) 2009-09-25
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[30] US (12/924,242) 2010-09-23

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[51] **Int.Cl. H02B 1/40 (2006.01)**
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[54] **ENCLOSURE AND COVER ASSEMBLY THEREFOR**
[54] **ENCEINTE ET ENSEMBLE COUVERCLE CONNEXE**
[72] RANTA, MICHEAL J., US
[71] EATON CORPORATION, US
[22] 2009-08-14
[41] 2010-02-21
[62] 2,675,581
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/848 (2013.01) A61F 2/962 (2013.01) A61F 2/04 (2013.01) A61F 2/86 (2013.01)**
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[54] **VASCULAR IMPLANT AND DELIVERY SYSTEM**
[54] **IMPLANT VASCULAIRE ET SYSTEME D'INTRODUCTION**
[72] QUADRI, ARSHAD, US
[72] RATZ, J. BRENT, US
[71] EDWARDS LIFESCIENCES CARDIAQ LLC, US
[22] 2010-04-15
[41] 2010-10-21
[62] 2,756,049
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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING SULPHATE, CALCIUM AND/OR OTHER SOLUBLE METALS FROM WASTE WATER**
[54] **PROCEDE D'ELIMINATION DE SULFATE, DE CALCIUM ET/OU D'AUTRES METAUX SOLUBLES A PARTIR D'EAUX USEES**
[72] NEVATALO, LAURA, FI
[72] VAN DER MEER, TUOMAS, FI
[72] KERSTIENS, BERND, DE
[71] OUTOTEC (FINLAND) OY, FI
[22] 2013-08-22
[41] 2014-03-06
[62] 2,881,769
[30] FI (20125884) 2012-08-27

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BOUSSIE, THOMAS R. 2,961,036
BOUVIER, MICHEL 2,960,902
BOVET, LUCIEN 2,954,828
BOWSHER, MICHAEL S. 2,960,778
BOYLE, PATRICK DEVIN 2,957,772
BRADY, JEREMIAH JOHN 2,960,444
BRAIN SENTINEL, INC. 2,960,828
BRANDT, DANIEL 2,961,270
BRANNON, HAROLD DEAN 2,961,350
BRAY, CHRISTOPHER DAVID 2,955,234
BREMER, MARSHALL T. 2,961,204
BRENNER, GABRIELE 2,958,158
BRESLIN, TRACY 2,957,951
BRIDGES, KEVIN 2,959,723
BRINDLE, JOHN H., JR. 2,957,660
BRINGUIER, ANNE GERMAINE 2,958,558
BRISTOL-MYERS SQUIBB COMPANY 2,960,778
BROWN, KENNETH R. 2,956,061
BRUAND, JOCELYNE 2,960,840
BRUNE, BERNHARD 2,951,840
BRUNNER, MARTIN 2,957,675
BRUNS, OLIVER T. 2,961,358
BUCHANAN, PETER J. 2,957,655
BUCHER, CHRISTOPHE 2,960,033
BUCHMUELLER, DANIEL 2,957,917
BUDLER, NICHOLAS F. 2,960,686
BUENO, CLIFFORD 2,959,485
BUFFALO FILTER LLC 2,960,372
BURBIDGE, ADAM 2,950,501
BURDI, DOUGLAS F. 2,961,186
BURGER, GORAN 2,958,023
BURKHALTER, RENE 2,957,675
BURNS, BARRY 2,960,622
BURRIS, DONALD ANDREW 2,956,798
BUSETTY, VENKATA SAI RAVALI 2,959,686
BUTTLE, KEN 2,959,453
BUTTS, NICHOLAS L. 2,961,204
BUXTON, WILLIAM A. S. 2,959,715
BUZHOR, MARINA 2,960,592
BWXT MPOWER, INC. 2,961,043
BYRNE, MICHAEL JOSEPH 2,955,991
CAI, YEIN JIE 2,961,091
CAMACHO, SUSANA 2,951,090
CAMERON INTERNATIONAL CORPORATION 2,961,059
CAMPBELL, CLYDE MARK 2,960,867
CAMPBELL, JOSH 2,960,699
CAMPSIE, PAUL 2,959,203
CANCER RESEARCH TECHNOLOGY LIMITED 2,955,303
CANNON, ALICE 2,957,848
CANTORE, ALESSIO 2,954,478
CAO, CHENXIAO 2,961,104
CAPOSIO, PATRIZIA 2,955,306
CARAWAY, CHRIS 2,952,421
CARDIONOMIC, INC. 2,957,791
CARDOSI, MARCO 2,955,246
CARLE, PATRICE 2,960,416
CAROMA INDUSTRIES LIMITED 2,960,409
CARON, NICHOLAS S. 2,960,728
CARON, RICHARD 2,951,612
CARRENO, BEATRIZ 2,961,179
CARTER, DIXIE 2,955,158
CARTER, JEREMY 2,956,383
CARUSO, NUNZIO GIUSEPPE 2,957,636
CASBEER, DANA 2,960,825
CASE WESTERN RESERVE UNIVERSITY 2,961,037
CASSIDY, JUANITA 2,960,685
CASSIDY, JUANITA M. 2,961,178
CASSINATH, ZEN 2,958,112
CASTADO, CINDY 2,952,118
CASTILLO, DORIANNE ARLENE 2,961,350
CATERPILLAR INC. 2,955,446
CATERPILLAR INC. 2,957,283
CAZES, CHRISTOPHE 2,958,020
CEDARS-SINAI MEDICAL CENTER 2,954,641
CELL AND MOLECULAR TISSUE ENGINEERING, LLC 2,960,980
CELL THERAPY LIMITED 2,951,448
CENTRE D'EXPERTISE EN GESTION AGRICOLE 2,960,416
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,955,124
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,952,332
CHABAILLE, CHRISTOPHE 2,958,025
CHAKRABORTY, ABIR 2,960,852
CHAMPAGNE, TIMOTHY M. 2,960,646
CHANG, BYEONG SEON 2,960,625
CHANG, DANMING 2,960,566
CHANG, JOHN Y. 2,960,675
CHANG, YONG 2,961,258
CHARREYRE, FABIEN MICHEL ALAIN 2,949,919
CHASE, JOHN A. 2,961,019

CHEMOCENTRYX, INC. 2,960,733
CHEMOCENTRYX, INC. 2,960,876
CHEN, GONG 2,960,685
CHEN, GONG 2,961,178
CHEN, HUBERT 2,961,258
CHEN, JOE 2,958,121
CHEN, OU 2,961,358
CHEN, YU 2,960,646
CHENAL, ALEXANDRE 2,955,251
CHENG, LIANG 2,961,273
CHEONG, IAN 2,960,964
CHEUNG, MUI 2,960,730
CHEY, WILLIAM D. 2,954,641
CHHENG, PECHSOVANN AUSTIN 2,960,529
CHI, MEI-LI 2,961,067
CHIYODA CORPORATION 2,961,020
CHOI, HAN-SUN 2,961,172
CHOI, HYUNG-HO 2,960,944
CHOI, IN YOUNG 2,960,657
CHRISTIAN, TWINKLE R. 2,954,773
CHUDOVA, DARYA I. 2,955,367
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,960,650
CHURCHILL, ELIZABETH 2,961,281
CICAME ENERGIE INC. 2,960,893
CICHON, CHRISTOPH 2,952,341
CIORNEIU, BORIS 2,961,224
CIZERON, JOEL M. 2,960,555
CLARIANT INTERNATIONAL LTD 2,957,826
CLARK, JOHN A. 2,957,742
CLARKE, ELIZABETH 2,955,370
CLIMENT, HELENE CLAIR 2,960,784
CLOGSTON, CHRISTI L. 2,954,773
CODA INNOVATIONS S.R.O. 2,959,582
COLDREN, DANA R. 2,960,691
COLE, DAVID 2,961,175
COLEMAN, TIMOTHY S. 2,960,691
COLQUHOUN, HELEN 2,960,611
COLSON, WENDELL B. 2,960,983
COMBS, BRADLEY S. 2,960,984
CONGDON, THOMAS MARSHALL, JR. 2,957,283
CONN, JEFFREY DENZEL 2,955,977
CONNER, DAVID B. 2,957,660
CONTELLO, WAYNE LEROY 2,956,383
COOLIDGE, GREGORY 2,960,802
COOPER, ALEXANDER 2,952,323
COPEK, DIANE LYNN 2,955,991
CORDIS CORPORATION 2,952,602
CORNELIUS, LYNDON A.M. 2,960,778
CORNING OPTICAL COMMUNICATIONS LLC 2,958,558
CORNING OPTICAL COMMUNICATIONS RF LLC 2,956,798
CORRETJER, JESUS F. 2,960,467
COST, GREGORY J. 2,960,769
COVESTRO LLC 2,957,558
COX, MARYELLEN 2,960,808
CRAMER, MATTHEW 2,961,075
CRANE, MICHAEL W. 2,960,492
CRIMINSI, ANTONIO 2,960,584
CRON, CHRISTINA 2,958,158
CROZIER, EMILY 2,960,428
CUERRIER AUCLAIR, SAMUEL 2,960,543
CUMMINGS, STEVE 2,960,409
CUNEO, ADAM NATHAN 2,957,984
CUNEO, ADAM NATHAN 2,957,990
CUP-IT BOTTLE LABLES LTD. 2,950,990
CURLEY, JABE LOWRY 2,961,027
D B INDUSTRIES, LLC 2,961,060
D'ONOFRIO, NICHOLAS MICHAEL 2,961,001
D'URSO, JOHN 2,961,015
DAGHER, FADI 2,960,540
DAHL, SHANNON L. 2,961,225
DAHLGREN, LYLE J. 2,955,977
DAHLKE, FRANK KURT 2,960,584
DALAL, MITUL 2,961,035
DALE, CHARLES 2,961,224
DALEY, JOHN 2,961,239
DALPE, STEPHEN T. 2,957,742
DANIELS, JONATHAN A. 2,960,580
DARLAK, KRZYSZTOF 2,961,029
DART CONTAINER CORPORATION 2,960,892
DAS SARMA, ATISH 2,961,281
DASARI, PAVAN KUMAR 2,959,686
DAVENPORT, RICHARD 2,952,339
DAVENPORT, RICHARD 2,952,346
DAVIDSON, STEVE 2,959,495
DAVIS, DARREN RAY 2,959,733
DAVIS, DARREN RAY 2,959,811
DAWE, DANIEL J. 2,956,383
DE NORA WATER TECHNOLOGIES, LLC 2,960,825
DE VOS, VAUGHAN GERARD 2,961,265
DEBLOIS, DENIS 2,960,902
DEBUSK, BRIAN C. 2,960,823
DECKER, MARK S. 2,960,892
DELAVAL HOLDING AB 2,957,160
DEMARTINO, MICHAEL P. 2,960,730
DEMERS, CHARLE 2,960,661
DEMUTH, PETER C. 2,960,993
DENK, TIM 2,953,201
DENSO CORPORATION 2,960,462
DENTON, ROBERT 2,958,066
DENTSPLY DETREY GMBH 2,958,130
DERKS, PATRICK 2,959,733
DERKS, PATRICK 2,959,811
DEROYAL INDUSTRIES, INC. 2,960,823
DESHPANDE, ATUL VASANT 2,960,676
DETNET SOUTH AFRICA (PTY) LTD 2,960,068
DEVILLE, JAY PAUL 2,961,344
DIAMOND, GARY M. 2,961,036
DIAO, LIUYANG 2,961,280
DIAS, ERIC L. 2,961,036
DIETSCH, HERVE 2,957,837
DIETSCH, HERVE 2,957,843
DIETSCH, HERVE 2,957,846
DIGMANN, CHARLES 2,960,688
DILLMANN, CHRISTINA 2,951,840
DILLON, NICHOLAS 2,960,540
DIMILIA, ROBERT A. 2,960,597
DIMILIA, ROBERT A. 2,960,605
DINH, PHUONG 2,960,755
DINNAGE, PAUL A. 2,960,957
DIXON, RACHAEL 2,960,428
DJUKANOVIC, VESNA 2,954,626
DOLAN, TARA 2,955,830
DOMLATIL, MIROSLAV 2,955,641
DONALDSON FILTRATION DEUTSCHLAND GMBH 2,952,695
DONDERICI, BURKAY 2,960,689
DONIKOWSKI, GREGORY 2,952,421
DONOHOE, BRENDAN M. 2,960,675
DOOHAN, FIONA 2,955,080
DORN, JONAS 2,960,584
DOTZAUER, MARIA MAGDALENA 2,950,494
DOW AGROSCIENCES LLC 2,960,985
DOW GLOBAL TECHNOLOGIES LLC 2,961,091
DOWNHAM, ROBERT 2,952,339
DREASHER, REBECCA W. 2,957,602
DREES, BIRGIT 2,958,158
DREVDAL, KJELL ERIK 2,961,182
DRK BLUTSPENDEDIENST BADEN-WURTTEMBERG-HESSEN GGMBH 2,954,505
DROSSLER GMBH UMWELTTECHNIK 2,958,109
DUARTE, NICOLAS B. 2,957,755
DUESPOHL, DALE 2,952,428
DUFRESNE, PIERRE 2,951,445
DUMMER, REINHARD 2,953,732
DUNAHOO, JASON A. 2,957,831
DUNN, JONATHAN 2,952,346
DURETTE, ETIENNE 2,960,902
DURFEE, ERIK J. 2,960,892
DUROJAIYE, OLUMUYIWA M. 2,959,771
DURSUN, SERKAN 2,961,145
DYCK, MANFRED F. 2,960,813
DYKSTRA, JASON D. 2,960,995
DYKSTRA, JASON DANIEL 2,961,347
DYNYS, JOSEPH M. 2,960,597
DYNYS, JOSEPH M. 2,960,605
DYROY, ARE 2,960,765
DZIAK, KATHERINE L. 2,961,162
E. I. DU PONT DE NEMOURS AND COMPANY 2,954,626
EAST PENN MANUFACTURING CO. 2,958,880
EATON, JEFFREY A. 2,955,977
EAVENSON, JIMMY N., SR. 2,957,655
EBAY INC. 2,960,714
EBAY INC. 2,961,281
EBERHARDT, ALBERT 2,956,085
EBERHARDT, ALBERT 2,956,087
EBERT, MARK 2,960,409
EBNER, CLEMENS 2,957,746
EBSWORTH, KAREN 2,960,876
EBY, JACKSON 2,960,993
ECOLE NORMALE SUPERIEURE DE LYON (ENS DE LYON) 2,955,124
ECOLE NORMALE SUPERIEURE DE LYON 2,952,332

ECONOMIDES, ARIS N. 2,960,950
EGELUND, PETER 2,960,433
EIDAM, HILARY SCHENCK 2,960,730
EISNER, NOAH 2,961,249
EJENSTAM, JESPER 2,960,670
EKMAN, TOMAS 2,957,983
EKMAN, TOMAS 2,957,987
EL-ADLY, HESHAM 2,960,593
ELFIMOV, ALEKSANDR VASILYEVICH 2,952,926
ELGIMIABI, SOHAIB 2,957,758
ELIA, SAMUEL 2,960,772
ELIA, SAMUEL 2,960,959
ELIAS PUIGDOMENECH, IVET 2,960,912
ELLIS HALLIDAY LLC 2,961,011
ELSHOURBAGY, NABIL 2,961,021
EMBRAPA 2,961,359
EMRICK, TOBIN L. 2,960,892
ENGELMAYR, GEORGE C., JR. 2,961,225
ENGMANN, JAN 2,950,501
EQUASHIELD MEDICAL LTD. 2,961,151
ERARD, GUILLAUME 2,955,080
ERDODI, GABOR 2,957,915
ERHARDT, JOCHEN 2,957,470
ERIKSSON, LEIF 2,960,672
ERVEN, DUSTY 2,960,991
ESGUERRA, NICOLAS 2,960,871
ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES 2,960,790
ESVELDT, VINCENT 2,953,410
ETO, MAKI 2,960,936
EUBELER, JAN 2,961,102
EUPRAXIA PHARMACEUTICALS INC. 2,960,860
EURECAT S.A. 2,951,445
EURICH, THOMAS 2,956,984
EVANS, LEAH 2,960,872
EVANS, MARTIN JOHN 2,951,448
EVANS, MOLLY 2,957,960
EVONIK DEGUSSA GMBH 2,954,099
EVONIK DEGUSSA GMBH 2,956,984
EVONIK DEGUSSA GMBH 2,958,158
EVONIK ROHM GMBH 2,953,201
EXPLORAMED NC7, INC. 2,960,675
EXXONMOBIL CHEMICAL PATENTS INC. 2,957,742
F. HOFFMANN-LA ROCHE AG 2,960,797
FAGAN, SCOTT 2,961,032
FAGEN, TERRY 2,960,593
FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC 2,956,383
FAN, PINGCHEN 2,960,733
FANG, ZI-PING 2,961,100
FARELLA, RALPH 2,961,289
FARKAS, JULIUS 2,952,027
FARNABY, WILLIAM 2,952,339
FARNABY, WILLIAM 2,952,346
FARRELL, EUGENE MICHAEL 2,959,959
FAUCHER, SANTIAGO 2,961,075
FAY, CONSTANCE ELIZABETH 2,960,503
FENKER, ALEX C. 2,960,892
FERGUSON, ANDREW M. 2,957,681
FERRER, JULIO 2,960,590
FERRERO, MAXIME 2,958,079
FERRUSQUIA HERNANDEZ, CARLOS 2,960,660
FERRUSQUIA HERNANDEZ, CARLOS 2,960,662
FIGIEL, JANUSZ 2,955,768
FILINOVA, ELENA YU 2,955,231
FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC 2,949,919
FINNEY, HELENE MARGARET 2,953,275
FISCHER, STEVEN 2,960,415
FISHER, CAMERON D. 2,955,977
FISKARS FINLAND OY AB 2,957,815
FITCH, JOHN E. 2,961,030
FITZNER, IAN 2,957,208
FLANAGAN, MARC 2,960,428
FLEISCHMANN, ROSS 2,960,580
FLORACK, DION 2,954,828
FOCUS PRODUCTS GROUP INTERNATIONAL, LLC 2,960,651
FOLEY, ADAM J. 2,961,014
FOLK, CHRISTOPHER R. 2,957,960
FONDAZIONE TELETHON 2,954,478
FOREMAN, KEVIN 2,960,991
FORLANI, CHRISTIAN 2,952,323
FORNERA, TAZIO 2,957,675
FORREST, RANDALL G. 2,951,394
FORSHEW, TIM 2,955,303
FOUTS, CHRISTINE S. 2,961,019
FRAMPTON, KIM SARAH 2,955,234
FRANCESCO FRANCESCHETTI ELASTOMERI S.R.L. 2,957,216
FRANGEN, JOACHIM 2,956,085
FRANGEN, JOACHIM 2,956,087
FRANZINI, FRANCESCO 2,960,966
FRASCA, GIONATA 2,960,599
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,951,840
FRAYLING, CAMERON ALEXANDER 2,951,212
FRECHETTE, JONATHAN 2,959,335
FREER, ERIK M. 2,960,555
FREUND PHARMATEC LTD. 2,960,624
FRID, LIAT 2,960,592
FRIED, DALE G. 2,959,335
FRION, DUANE G. 2,957,791
FRITO-LAY NORTH AMERICA, INC. 2,961,032
FRITZSCHE, MICHAEL 2,960,409
FROMM HOLDING AG 2,957,230
FROUTAN, PAUL P. 2,961,224
FRUEH, KLAUS 2,955,306
FUCHS, KERSTIN 2,958,158
FUJI CAPSULE CO., LTD. 2,960,620
FUJI CAPSULE CO., LTD. 2,960,631
FUJII, YUKI 2,961,186
FUJIKURA LTD. 2,961,015
FUJIMORI YOJI 2,961,133
FUJIMOTO, TAKUYA 2,961,015
FUJIWARA, MASASUKE 2,960,936
FUKASE, YOSHIYUKI 2,961,033
FUKUMOTO, SHOJI 2,961,033
FUKUMOTO, TAKUMI 2,960,612
FULKO, SUSANNE 2,952,695
FUNATSU, TORI 2,960,936
FUNKHOUSER, GARY P. 2,957,681
FUNKHOUSER, GARY P. 2,960,485
FUTAMURA KAGAKU KABUSHIKI KAISHA 2,961,141
GAGNON-TREMBLAY, DOMINIC 2,960,593
GALINDO, KAY ANN 2,961,344
GALLIOU, PAULINE 2,951,445
GALLOP, DAVID 2,960,889
GALPERIN, DAN 2,961,270
GAMBRO LUNDIA AB 2,960,316
GAMORAS, JOEL 2,960,555
GANGAVARAM, VISWANATH 2,960,852
GAO, LIN 2,957,960
GAO, XUERONG 2,957,837
GARCIA, FEDERICO 2,959,200
GARCIA, MICHEL 2,958,021
GARNETT, GRAHAM ALBERT EDWIN 2,960,899
GATARD, GREGORY 2,958,020
GATES CORPORATION 2,957,208
GATES CORPORATION 2,958,121
GAUGLITZ, WOLFRAM K. 2,960,826
GAUTHIER, MATHIEU 2,960,786
GE INTELLIGENT PLATFORMS, INC. 2,960,792
GE OIL & GAS ESP, INC. 2,960,784
GE, XIAOQING 2,960,995
GE, XIAOQING 2,961,347
GE, ZHONGXIN 2,958,123
GEIGER, JURGEN 2,959,090
GEISSLINGER, GERD 2,951,840
GELINSKE, JOSHUA N. 2,961,199
GENERAL ELECTRIC COMPANY 2,957,786
GENERAL ELECTRIC COMPANY 2,959,485
GEORGETOWN UNIVERSITY 2,960,642
GESTNER, BRIAN 2,960,772
GESTNER, BRIAN 2,960,959
GHANBARI, HOSSEIN 2,961,004
GIBSON, GRAHAM 2,960,727
GIFTAGRAM 2,961,135
GILBARCO INC. 2,960,955
GILLETT, KEVIN GEORGE 2,961,249
GILLIS, ERIC P. 2,960,778
GILLMAN, KEVIN W. 2,960,778
GILON, CHAIM 2,954,607
GINGRAS, RYAN P. 2,960,892
GIOVANNINI, MARCO 2,952,565
GIROUARD, MICHAEL R. 2,960,828
GLAXOSMITHKLINE BIOLOGICALS S.A. 2,952,118

GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,960,730
GLISSMEYER, BRANDON D. 2,955,977
GLOBAL OIL EOR SYSTEMS, LTD. 2,960,965
GLYCOSYN LLC 2,960,835
GODANA, KEN 2,960,991
GODLEY, EWAN 2,960,746
GOEDEKE, STEVEN D. 2,957,791
GOERGENS, ULRICH 2,952,524
GOGOLA, MICHAEL R. 2,951,394
GOLDBY, ANNE 2,952,339
GOLDMAN, JONATHAN 2,960,788
GOLDSTEIN, BEN ZION YITZCHAK 2,960,844
GOMIRATO, ANDREA 2,960,966
GONG, ZHEN 2,960,730
GONTIJO, IVAIR 2,960,882
GONZALEZ, JUAN M. 2,955,158
GOOD TECHNOLOGY HOLDINGS LIMITED 2,959,732
GORDON, KEITH FORBES 2,958,641
GORSICH, JAMES 2,960,448
GOTHAM BIOPHARMACEUTICALS, INC. 2,960,622
GOTO, NAOMI 2,961,141
GOUGE, TIMOTHY D. 2,956,955
GOYER, MATTHEW 2,957,723
GRAEBNER, ADAM PAUL 2,960,784
GRAMICCIONI, GARY A. 2,956,061
GRAN, SEBASTIAN 2,956,085
GRAN, SEBASTIAN 2,956,087
GRANT-YOUNG, KATHARINE A. 2,960,778
GRASS, MICHAELA 2,961,029
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 2,961,096
GREENE, KENNETH JAMES 2,952,421
GREGORY, SETH MICHAEL 2,957,831
GREY, DAVID 2,956,872
GRIFFITH, GERALD T. 2,960,823
GRIFFITH, JEFFREY D. 2,960,823
GRIGORIAN, IRINA 2,960,813
GRIMM, JAN 2,960,925
GRIT, ALBERT 2,960,783
GROSCHE, PETER 2,959,090
GROSSMAN, RONALD S. 2,960,952
GROVER, DAVID 2,960,033
GROWLERWERKS, INC. 2,960,722
GU, EISEI 2,960,612
GU, JIONGJIONG 2,961,283
GU, LEMING 2,957,742
GUALA CLOSURES S.P.A. 2,952,565
GUAMIS ALEGRE, ALEXANDRE 2,954,565
GUAMIS ALEGRE, DAVID 2,954,565
GUAN, HUIPING AMY 2,960,730
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 2,960,419
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 2,960,423
GUERRA, EMANUELE 2,957,216
GUERRERO, EDWARD C., JR. 2,961,224
GULAS, MICHAL 2,952,148
GUPTA, D.V. SATYANARAYANA 2,961,350
GUPTA, SANJAY 2,961,035
GUSBERTI, AMBROGIO 2,957,983
GUSBERTI, AMBROGIO 2,957,987
GUST, KEVIN ALAN 2,956,383
GUTHRIE, BRIAN 2,952,323
GVBB HOLDINGS S.A.R.L. 2,959,453
HA, TAE-YOUNG 2,960,944
HAAS, THOMAS 2,954,099
HAEPERS, JOSEPH 2,961,289
HAGAR, EVERETT P. 2,960,981
HAGE, MATTHEW 2,960,721
HAINES, JONATHAN 2,957,570
HAKES, DAVID J. 2,955,446
HALL, BENJAMIN JOHN 2,961,027
HALLENBACH, WERNER 2,952,524
HALLIBURTON ENERGY SERVICES, INC. 2,960,485
HALLIBURTON ENERGY SERVICES, INC. 2,960,518
HALLIBURTON ENERGY SERVICES, INC. 2,960,685
HALLIBURTON ENERGY SERVICES, INC. 2,960,686
HALLIBURTON ENERGY SERVICES, INC. 2,960,689
HALLIBURTON ENERGY SERVICES, INC. 2,960,845
HALLIBURTON ENERGY SERVICES, INC. 2,960,945
HALLIBURTON ENERGY SERVICES, INC. 2,960,981
HALLIBURTON ENERGY SERVICES, INC. 2,960,995
HALLIBURTON ENERGY SERVICES, INC. 2,961,168
HALLIBURTON ENERGY SERVICES, INC. 2,961,172
HALLIBURTON ENERGY SERVICES, INC. 2,961,178
HALLIBURTON ENERGY SERVICES, INC. 2,961,344
HALLIBURTON ENERGY SERVICES, INC. 2,961,345
HALLIBURTON ENERGY SERVICES, INC. 2,961,347
HALLIBURTON ENERGY SERVICES, INC. 2,961,354
HALLIDAY, JENI ELLIS 2,961,011
HALVORSEN, HALVOR 2,961,182
HAMACHI KOKORO 2,961,133
HAMMELL, LYNNE 2,960,448
HAMMOND, GILES DOMINIC 2,959,203
HAMMOND, MICHAEL 2,960,772
HAMMONS, JOHN LEE 2,949,989
HAMROCK, STEVEN J. 2,960,595
HAN, SHIN-KYU 2,958,041
HANCOCK, DAVID BARTON 2,956,383
HANISCH, MARKUS 2,956,085
HANISCH, MARKUS 2,956,087
HANMI PHARM. CO., LTD. 2,960,657
HANNAH, DUNCAN 2,952,339
HANNAH, DUNCAN 2,952,346
HANNIGAN, ADELE 2,954,546
HANSEN, SCOTT G. 2,955,306
HAO, HUAQI 2,961,273
HAPPELL, SCOTT 2,960,746
HARNOY, ASSAF JOSEF 2,960,592
HARRISON, DAVID 2,952,339
HARRISON, DAVID 2,952,346
HARRISON, PETER J. 2,957,758
HARTWELL CORPORATION 2,960,880
HARVEY, JOHN 2,958,121
HARVEY, MICHAEL 2,960,892
HARVEY, TIMOTHY N. 2,961,354
HASEGAWA, HIROAKI 2,960,631
HASSAN, KHALID 2,961,150
HASSERODT, JENS 2,952,332
HASTRUP, SVEN 2,952,293
HATCH LTD. 2,961,075
HATSELL, SARAH J. 2,960,950
HAUGEN, HALLVARD 2,952,296
HAUSAMMANN, MANUEL 2,952,716
HAUSER, STEVEN 2,957,570
HAYANO, AKIHIKO 2,960,620
HAYARDENY, LIAT 2,961,187
HAYASHI, KAZUNORI 2,960,749
HAYDEN, MICHAEL 2,961,187
HAYDEN, MICHAEL R. 2,960,728
HAYS, PAUL J. 2,960,781
HEAVNER, DAVID A. 2,961,211
HECKERT, MICHAEL F. 2,961,091
HEDLEY, JOSEPH H. 2,960,428
HEIDELBERGCEMENT AG 2,956,266
HEIDTMAN, MATTHEW IAN 2,960,835
HELEN OF TROY LIMITED 2,960,448
HELGSTRAND, CHARLOTTE 2,952,293
HELLIWELL, JAMES A. 2,960,860
HELMAN, NOAH 2,955,370
HELSINN HEALTHCARE SA 2,960,599
HELSLEY, THOMAS J. 2,960,880
HENDRIKS, JENNIFER ANNE 2,961,024
HENKEL IP & HOLDING GMBH 2,960,646
HENNINK, WILHELMUS EVERHARDUS 2,957,900
HENRIKSEN, ANETTE 2,955,253
HENRY, MARK W. 2,959,495
HERMES, FLORIAN 2,956,984
HERSHEY, STEVEN MICHAEL 2,961,229
HERZOG, JAMES P. 2,960,792
HESSEL, AUDREY 2,955,251
HETZLER, MARKUS 2,960,415
HEXION INC. 2,961,252
HIATT, ERNIE 2,960,888
HIBI TAKAHIRO 2,960,464
HILBORN, PAMELA 2,961,270
HILF, STEFAN 2,956,984
HILL, ALLEN R. 2,956,955
HILL, WILLIAM CHARLES 2,961,314
HILLION, NICOLAS 2,960,893

HILTI AKTIENGESELLSCHAFT 2,957,470
HINCKLEY, KENNETH P. 2,959,715
HIP HOPE TECHNOLOGIES LTD. 2,961,139
HIRONIWA, NAOKA 2,960,650
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,960,470
HODGES, WES 2,960,889
HOERNSCHEMEYER, JOERG 2,961,029
HOFFMANN, DAVID J. 2,960,688
HOGUE, MIREILLE 2,960,902
HOLLAND LP 2,961,026
HOLLISTER INCORPORATED 2,961,014
HOLLYMATIC CORPORATION 2,960,963
HOLMBERG, MARTIN 2,958,020
HOLVERSON, TODD EARL 2,955,779
HOLVERSON, TODD EARL 2,957,984
HOLVERSON, TODD EARL 2,957,990
HONDA MOTOR CO., LTD. 2,960,748
HONDA, TATSUYA 2,960,949
HONEYWELL INTERNATIONAL INC. 2,960,952
HONG, JIN KI 2,960,555
HORI, MITSUHIKO 2,960,940
HOSTETLER, KARL Y. 2,961,200
HOTZEV, AMIT 2,960,783
HOWARD, JAMES A. 2,960,521
HOWELL, CHRIS 2,960,428
HRABAL, FRANTISEK 2,959,582
HSIEH, TOM HAN HSIAO 2,960,899
HSU, CHIA-HUA 2,960,632
HU, BAIQUAN 2,960,732
HU, PING 2,960,903
HU, ZHIHAO 2,955,370
HUANG, JEFFREY 2,960,642
HUANG, WEI HSUAN 2,960,518
HUAWEI TECHNOLOGIES CO., LTD. 2,959,090
HUAWEI TECHNOLOGIES CO., LTD. 2,961,273
HUAWEI TECHNOLOGIES CO., LTD. 2,961,277
HUAWEI TECHNOLOGIES CO., LTD. 2,961,283
HUBBARD, WADE MONROE, JR. 2,949,989
HUDEC, RADOSLAV 2,958,641
HUERTA, JAMES W. 2,960,892
HUFF, SHAWN LELAND 2,960,722
HUGHES, RICHARD L. 2,959,715
HUI, XIAOWEI 2,961,277
HUMACYTE, INC. 2,961,225
HUME, STEVEN 2,960,888
HUMMEL, MICHELE 2,961,009
HUMPHREY, TODD 2,961,270
HUNTER DOUGLAS INC. 2,960,983
HURD, REX A. 2,960,823
HWANG, SANG YOUN 2,960,657
HYDROMER, INC. 2,960,813
HYUNDAI PHARM CO., LTD. 2,960,944
IAKOVOU, DIMITRIS 2,958,841
ICHIKAWA, MASATERU 2,961,015
ICU MEDICAL, INC. 2,961,214
IDEEN APS 2,960,433
IDONE, VINCENT J. 2,960,950
IENTILE, JOSEPH 2,960,979
IGAWA, TOMOYUKI 2,960,650
IKEDA, MASAYUKI 2,960,624
IKEO, NAOKO 2,960,612
ILG, KERSTIN 2,952,524
ILLINOIS TOOL WORKS INC. 2,955,779
ILLINOIS TOOL WORKS INC. 2,957,831
ILLINOIS TOOL WORKS INC. 2,957,984
ILLINOIS TOOL WORKS INC. 2,957,990
ILLINOIS TOOL WORKS INC. 2,961,147
ILLUMINA, INC. 2,955,367
ILLUMINA, INC. 2,960,721
ILLUMINA, INC. 2,960,840
IMABIOTECH 2,959,111
IMADA, TAKASHI 2,961,033
IMAI, SUNAO 2,960,994
IMAIZUMI, TAKUZO 2,961,141
IMERYS GRAPHITE & CARBON SWITZERLAND LTD. 2,952,148
INABA, NAHONORI 2,960,631
INFASTECH INTELLECTUAL PROPERTIES PTE. LTD 2,960,524
INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH 2,957,606
INNATE PHARMA 2,957,491
INNOTEC MOTION GMBH 2,960,904
INNOVATIVE THERAPIES, INC. 2,955,855
INNOVIVE, INC. 2,956,152
INOTEC GMBH MASCHINENENTWICKLUNG UND VERTRIEB 2,955,641
INOUE, AKIKO 2,961,138
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,955,124
INSTITUT PASTEUR 2,955,251
INTELLIGENT AGRICULTURAL SOLUTIONS, LLC 2,961,199
INTERNATIONAL MOISTURE ANALYSERS LIMITED 2,953,280
INTIGRAL, INC. 2,956,169
INTUIT INC. 2,960,788
INX SOFTWARE PTY LTD 2,961,265
IRWIN, STUART 2,961,225
ISAACS, PAUL 2,960,810
ISHIGURO, TAKAHIRO 2,960,650
ISHII TETSUYA 2,961,133
ISHII, NAOKI 2,961,033
ISHIYAMA, DAIGO 2,960,033
ISKANDER, FADY ADEL MAURICE 2,960,689
ISOLA USA CORP. 2,957,830
ISPOT. TV, INC. 2,960,746
ITALIANO, GIUSEPPE 2,951,445
ITO, TERUO 2,961,129
ITO, TERUO 2,961,196
IVOCLAR VIVADENT AG 2,958,023
JACKSON, MARK A. 2,961,359
JACOB, SUNNY 2,957,742
JACOBS, JOHN G. 2,960,823
JAFFRI, REHAN K. 2,959,176
JAKOBSSON, PETER 2,960,736
JAMES, CLAYTON T. 2,960,676
JAMIN, MARC 2,955,124
JAMISON, DALE E. 2,961,354
JANSSEN VACCINES & PREVENTION B.V. 2,961,024
JARA, CLAUDIO SOTO 2,960,830
JAYARAMAN, VASANTH 2,960,655
JENKINS, JONATHAN A. 2,957,723
JENSEN, ANNA 2,961,350
JENSON, LEROY 2,956,152
JIANG, YANFENG 2,957,732
JIANG, YU 2,961,280
JIAO, YU 2,957,755
JIN, GUOHUA 2,961,096
JIN, LINFANG 2,961,277
JOHANN WOLFGANG GOETHE-UNIVERSITAT, FRANKFURT AM MAIN 2,954,505
JOHNSON, KEITH A. 2,961,153
JOHNSTON, MICHAEL V. 2,957,940
JONES, JERALD EDWARD 2,957,984
JONES, JERALD EDWARD 2,957,990
JONES, KARL H. 2,957,556
JONES, MARK JUSTIN 2,960,444
JONES, SPENCER CHARLES 2,954,626
JONKER, ARNO 2,958,841
JORGENSEN, SEBASTIAN BECK 2,952,293
JOSEPH, TRISSA 2,960,845
JOUBERT, JOHANNES HENDRIKUS BRAND 2,955,423
JUHNG, LESLIE 2,960,448
JUNG, SUNG YOUB 2,960,657
JUNG, UNGYEONG 2,952,027
JUNKER, STEFAN 2,956,085
JUNKER, STEFAN 2,956,087
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,961,020
KACPRZYK, JOANNA 2,955,080
KAHN, ALI 2,960,808
KAKINUMA, TAKEKAZU 2,960,749
KALAGHER, THOMAS G. 2,960,628
KALISIAK, JAROSLAW 2,960,733
KALLU, SUDHIR R. 2,957,283
KAMADA, DAIKI 2,961,129
KAMADA, DAIKI 2,961,196
KANAI, SONOKO 2,961,029
KANDZIA, ROMY 2,960,888
KANELLOS, GEORGE 2,960,738
KANES, STEPHEN JAY 2,960,611
KANG, HONG-JOO 2,960,472
KANG, NANBO 2,961,277
KANNAN, SUJATHA 2,957,940
KAPLUN, MARINA M. 2,960,595
KAPUSTIN, RICHARD 2,961,135
KARLSEN, MORTEN 2,960,765

KARPOV, SERGEI VSEVOLODOVICH 2,952,926
KARSSEN, DANIEL 2,958,836
KARSSEN, DANIEL 2,958,841
KARST-SPIACZKA, JOHANNA 2,955,251
KATAYAMA, TSUTAKI 2,960,647
KATO, KENJI 2,960,620
KATO, KENJI 2,960,631
KATO, TOMOYA 2,960,949
KATOU, MANABU 2,960,470
KAWAI, YUMIKO 2,960,650
KAWAMATA, YUKIHIRO 2,960,470
KAWASUMI, MUNEO 2,961,186
KAY, CHRISTOPHER 2,960,728
KAYLOR, MARY E. 2,960,823
KEENAN, MARYELLEN 2,960,460
KEHREN, TREYBEN, P. 2,961,060
KEINDORF, CHRISTIAN 2,958,109
KELCHTERMANS, MAURITZ M. 2,957,742
KEMPKEY, MARK DOUGLAS 2,960,871
KENDI, MARGARET A. 2,957,558
KENNEDY KRIEGER INSTITUTE, INC. 2,957,940
KENNEDY, ERIC 2,951,709
KENTUCKY BIOPROCESSING, INC. 2,960,888
KERKHOFF, JONELL M. 2,960,597
KERNWEIN, JEFFREY D. 2,957,602
KHALAF, NAZER 2,954,767
KHAN, MATT A. 2,959,495
KHOSHAKHLAGH, PARASTOO 2,961,027
KHOURY, ISSA Y. 2,959,733
KHOURY, ISSA Y. 2,959,811
KILLORAN, JOHN 2,960,646
KILPER, DANIEL 2,960,953
KIM, DAEHOON 2,960,944
KIM, JAE HYUN 2,960,944
KIM, JIN WOONG 2,960,944
KIM, JIN YOUNG 2,960,657
KIM, JUN-HONG 2,958,041
KIM, KENNETH H. 2,952,027
KIM, SEUNG SU 2,960,657
KIMCHI, GUR 2,957,917
KING, PETER 2,955,401
KIPRIJANOV, SERGEJ 2,952,296
KIROUAC, CLERMONT 2,957,208
KISTLER, TOBIAS 2,960,069
KITA, DAVID BEN 2,960,790
KJAER, ANDREAS 2,961,095
KJAERGAARD, KRISTIAN 2,955,253
KLAASSEN, PETER 2,958,840
KLIMAVA, YANA 2,960,897
KLOSINSKI, RICHARD CHESTER, JR. 2,960,881
KLUEH, ULRIKE W. 2,960,980
KNIGHT, LARRY 2,960,825
KNOPF, RYAN RICHARD 2,960,858
KO, BYUNG-HWAN 2,960,472
KOBAYASHI, HIROYUKI 2,960,902
KOENIG, GEORG 2,957,606
KOHL, ANTON 2,959,448
KOHLBRECHER, CHRISTOPHER 2,961,214
KOLB, KLAUS 2,958,157
KONDAPALLY, RANGANATH 2,959,686
KONDEX CORPORATION 2,961,153
KONDEX CORPORATION 2,961,155
KONO, MITSUNORI 2,961,033
KONTOGOUNIS, THEOFANIS 2,957,492
KONTOGOUNIS, ZISIS 2,957,492
KONTOMARIS, KONSTANTINOS 2,957,842
KONTSCHIEDER, PETER 2,960,584
KORCZYNSKI, SHERRY M. 2,960,519
KORIYAMA, HIROSHI 2,960,653
KORSGAARD, ANDERS RISUM 2,954,949
KORSGAARD, ANDERS RISUM 2,954,950
KOSEKI, YU 2,960,949
KOTRYCH, JERRY A. 2,957,021
KOVACH, JOHN S. 2,960,989
KRASINSKI, ANTONI 2,960,733
KRAUSS, ULRICH 2,956,085
KRAUSS, ULRICH 2,956,087
KREDER, NATASHA 2,960,582
KREITZER, STUART S. 2,960,467
KREKULA, HAKAN 2,960,672
KREUTZER, DONALD L. 2,960,980
KRIHELI, MARINO 2,961,151
KRISHNA, KARTHIK 2,960,655
KRISHNAMURTHY, HARI KRISHNAN 2,960,655
KUCI, SELIM 2,954,505
KUCI, ZYRAFETE 2,954,505
KUEHNLE, ANDREAS U. 2,957,556
KUHNLE, SARAH 2,960,069
KULKARNI, SANDEEP D. 2,961,345
KUMADA, MITSUNORI 2,960,606
KUMAR, SANJAY 2,960,757
KUO, YA PIN 2,960,717
KUPFER, RAINER 2,957,826
KWON, SE CHANG 2,960,657
KYLE, DONALD J. 2,961,009
KYOUNG, JOHYUN 2,957,901
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,952,505
L'HENAFF, JEAN-JACQUES 2,960,979
LAASER, WILLIAM T. 2,960,788
LADANT, DANIEL 2,955,251
LADKANI, DAVID 2,961,187
LAIL, JASON CLAY 2,958,558
LAMBERTZ, BODO 2,956,109
LAMMERTSE, PIET 2,958,836
LAMMERTSE, PIET 2,958,840
LANDMARK GRAPHICS CORPORATION 2,961,145
LANDRY, SEAN 2,960,582
LANE, JIM L. 2,960,685
LANE, JIM L. 2,961,178
LANGLEY, DAVID R. 2,960,778
LANTHEUS MEDICAL IMAGING, INC. 2,961,289
LAPORTE, STEPHANE ALAIN 2,960,902
LARSON, SIGNE CHRISTINA 2,950,935
LASSNER, MICHAEL 2,954,626
LAWRENCE, PHILIP 2,955,124
LAWSON, ROGER E. 2,955,446
LE COUTRE, JOHANNES 2,951,090
LE GOUILL, CHRISTIAN 2,960,902
LE QUERE, DOMINIQUE 2,960,738
LE, ALAN NGOC 2,960,873
LE, TUAN 2,960,033
LEADERS, JEFFREY L. 2,960,772
LEADERS, JEFFREY L. 2,960,959
LEAGUE, INC. 2,961,270
LEBOVITZ, RUSSELL M. 2,960,830
LEBOWITZ, MICHAEL 2,961,004
LEDOUX, FRANCOIS 2,954,807
LEE, HAN KYU 2,960,944
LEE, JOSEPHINE 2,960,859
LEE, JUN HEE 2,960,368
LEE, KYU HWAN 2,960,944
LEE, SUSANNE MADELINE 2,959,485
LEEK, MICHAEL 2,954,546
LEFEBVRE, MICHEL 2,960,786
LEFEBVRE, PAUL 2,960,738
LEHANE, JAMES J. 2,957,760
LEIBU, DANIEL 2,961,270
LELEU, BENEDICTE 2,958,025
LEMONS, JIMIE DEVON 2,961,350
LENZING, PETER 2,958,109
LEON, JEFFREY 2,960,646
LEONE, STEVEN V. 2,960,984
LESSARD, SERGE 2,960,416
LESSING, JOSHUA AARON 2,960,858
LETTAU, ANDREAS 2,952,695
LEVANDOVSKIY, ANDREY NIKOLAYEVICH 2,958,558
LEVAVI-SIVAN, BERTA 2,954,607
LEVEL 3 COMMUNICATIONS, LLC 2,960,515
LEVEL 3 COMMUNICATIONS, LLC 2,960,831
LEVEL 3 COMMUNICATIONS, LLC 2,961,012
LEVESQUE, MITCHELL PAUL 2,953,732
LEWINSKI, KRZYSZTOF A. 2,960,595
LEWIS, DAMIAN 2,961,270
LEWIS, SAMUEL J. 2,960,485
LI, ADRIENNE 2,960,993
LI, BIN 2,961,089
LI, CHENGTAO 2,960,892
LI, PANPAN 2,961,104
LI, XIAOYONG 2,960,985
LIEBL, INA 2,953,201
LIFESCAN SCOTLAND LIMITED 2,952,323
LIFESCAN SCOTLAND LIMITED 2,955,246
LILLEBY, ANDERS 2,960,765
LIMBECK, ROLAND 2,960,069
LIN, ANSHYANG 2,960,381
LIN, JU ZHEN 2,960,717
LIN, KUN-HSIEN 2,960,712

LIN, MUHUI 2,961,283
LIN, XUEFENG 2,960,732
LIN, YUAN 2,961,104
LIND, ERC J. 2,961,019
LINDE AKTIENGESELLSCHAFT 2,957,983
LINDE AKTIENGESELLSCHAFT 2,957,987
LINETTE, GERALD 2,961,179
LIU, CHENGGANG 2,960,732
LIU, CHUNYI 2,961,032
LIU, JIYUAN 2,960,784
LIU, KEMING 2,958,121
LIU, XINGHUA 2,960,597
LIU, XINGHUA 2,960,605
LIU, YAN-FEI 2,960,663
LIU, YINGMIAO 2,961,280
LIU, ZHAN-BIN 2,954,626
LIXTE BIOTECHNOLOGY, INC. 2,960,989
LIZAUCKAS, ANTHONY 2,960,372
LLOYD, TIMOTHY 2,952,323
LOHR, CHARLES B. 2,956,383
LOMBARDO, ANGELO LEONE 2,954,478
LORSBACH, BETH 2,960,985
LOUDON, TYLER 2,961,059
LOVAL, SEBASTIEN 2,958,025
LOWDER, SCOTT B. 2,960,861
LOWE, CHRISTIAN 2,955,402
LOWN, AARON 2,955,991
LUBRIZOL ADVANCED MATERIALS, INC. 2,952,027
LUBRIZOL ADVANCED MATERIALS, INC. 2,957,536
LUBRIZOL ADVANCED MATERIALS, INC. 2,957,835
LUBRIZOL ADVANCED MATERIALS, INC. 2,957,915
LUCCHINI, JEAN-MARC 2,959,448
LUDTKA, GERARD M. 2,960,444
LUI, REBECCA 2,960,733
LUKASHEVA, VIKTORIYA 2,960,902
LUKES, RICHARD W. 2,960,524
LUOPA, SEAN M. 2,960,595
LUPIN LIMITED 2,954,594
LUTZ, WILLIAM BERNARD 2,956,798
LYNCH, JAMES 2,960,582
LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC 2,959,352
LYZNIK, LESZEK ALEKSANDER 2,954,626
MABUCHI MASAYUKI 2,960,464
MACFIE, GAVIN 2,955,246
MACHOVOE, SEAN ROBERT 2,961,168
MACKERT, MICHAEL 2,960,904
MAGNA INTERNATIONAL INC. 2,960,444
MAGNA INTERNATIONAL INC. 2,960,492
MAGRINI, VINCENT 2,961,179
MAHAJAN, VISHAL 2,960,757
MAIER, MAXIMILIAN 2,958,130
MAIGNET, PASCAL 2,958,079
MAJERCAK, DAVID 2,952,602
MAKAL, UMIT G. 2,957,536
MAKAL, UMIT G. 2,957,835
MAKAROVSKIY, AIKAZ 2,960,872
MAKELA, STEVE K. 2,960,892
MAKOWER, JOSHUA 2,960,675
MALEVICH, DZMITRY 2,960,727
MALLOY III, JOHN D. 2,961,043
MALONE, AMANDA M. 2,960,860
MANDAPATI, SARASWATHI 2,954,767
MANDEL, ALEXANDER LAURENCE 2,960,899
MANELIUS, RICK 2,959,723
MANGRAVITI, ANTONELLA 2,957,721
MANIMARAN, THANIKAVELU 2,958,123
MANN, MARK DIETRICH 2,957,984
MANN, MARK DIETRICH 2,957,990
MANOR, RAN 2,961,139
MANSFIELD, WILLIAM M. 2,960,676
MANSFIELD, WILLIAM M. 2,960,781
MAO, LINGZHI 2,961,283
MAPELLI, CLAUDIO 2,960,778
MARA RENEWABLES CORPORATION 2,960,450
MARANITSCH, ALEXANDER 2,957,746
MARANO, JOHN P., JR. 2,959,360
MARASS, FRANCESCO 2,955,303
MARCHIN, LOIC 2,951,759
MARCK, SHAWN 2,960,831
MARCK, SHAWN 2,961,012
MARDIS, ELAINE 2,961,179
MARKLE, SETH WILLIAM 2,961,229
MARRAS, SALVATORE A. E. 2,960,776
MARTELLO, JEFFREY S. 2,960,605
MARTIN, PAUL ALLAN 2,961,032
MARTINEZ PELAEZ, NESTOR 2,959,200
MARTINEZ, ERIC 2,961,002
MARVEL, SEAN D. 2,959,176
MARXER, KATJA 2,958,157
MASCARO, MASSIMO 2,960,788
MASONITE CORPORATION 2,956,955
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,959,335
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,961,358
MASSARI, ROSSANO 2,952,323
MASTERMAN, THOMAS CRAIG 2,960,582
MASTORAKOS, PANAGIOTIS 2,957,721
MASUDA, KOJI 2,960,620
MASUDA, MASAAKI 2,960,749
MATHEWS, JOSEPH 2,960,628
MATHIEU, JOHANNES 2,960,540
MATOUSEK, RUDOLF 2,960,825
MATSUSHITA, KYOHEI 2,960,940
MATTHEWS, TYLER S. 2,960,595
MATYSIAK, PETER 2,960,892
MATZEN, MICHAEL OLE 2,956,798
MAURER, SAM 2,960,555
MAURYA, SANJIV 2,959,732
MAUZERALL, MICHELE 2,960,460
MAYALA, TULSI RAM 2,960,924
MAYER, PATRICIA A. 2,961,019
MC10, INC. 2,961,035
MCANALLY, CRAIG B. 2,960,781
MCCOLL, DAVID 2,952,323
MCCOY, JOHN M. 2,960,835
MCDANIEL, CATO RUSSELL 2,961,354
MCDONALD, JASON 2,960,810
MCDONALD, MICHAEL F., JR. 2,957,742
MCEVOY, RICHARD 2,960,872
MCHALE, JAMES 2,960,033
MCHALE, JAMES 2,960,979
MCKEON, BRIAN 2,958,880
MCMENAMIN, MARTIN 2,961,014
MCMICHAEL, DONALD J. 2,961,162
MEBBERSON, NICK 2,960,868
MEDINA, HECTOR M. 2,961,175
MEDIPENSE INC. 2,960,593
MEDOFF, MARSHALL 2,960,582
MEDOFF, MARSHALL 2,960,805
MEHTA, GAURANG PANKAJ 2,959,959
MEHTA, PRANAV 2,960,952
MEIER, LEONHARD 2,961,102
MEIER, WOLFGANG 2,958,100
MEIRNDORF, RICK L. 2,960,892
MERCER (US) INC. 2,960,872
MERIGHI, MASSIMO 2,960,835
MESS, FRANCIS M. 2,960,772
MESS, FRANCIS M. 2,960,959
MEYER INTELLECTUAL PROPERTIES LIMITED 2,957,723
MEYER, CHARLES S. 2,959,453
MEYERS, HAROLD 2,961,021
MEYLAN MERLINI, JENNY 2,951,090
MICAS AG 2,960,409
MICHAUD, DEVIN THOMAS 2,960,540
MICHLIG GONZALEZ, STEPHANIE 2,951,090
MICKELAT, THOMAS 2,949,396
MICKLEM, DAVID ROBERT 2,952,296
MICRO MOTION, INC. 2,960,676
MICRO MOTION, INC. 2,960,781
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,686
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,715
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,733
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,735
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,771
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,811
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,089
MIDDLEMISS, RICHARD PAUL 2,959,203
MIGLIACCIO, CARMELA 2,957,700
MIGLIACCIO, RAFFAELE 2,957,700
MIJEM INC. 2,960,755
MIKAMI, HIROKI 2,960,463
MIKKOLA, PETTERI 2,959,733
MIKKOLA, PETTERI 2,959,811
MILLER, BRENDA K. 2,960,651
MILLER, JEFFREY C. 2,960,769

MILLER, MICHAEL MATTHEW 2,960,778
MILLER, PAUL 2,960,991
MILLER, THOMAS DEWEY 2,956,798
MILNER, BROOKE 2,957,570
MILTON, MICHAEL 2,960,375
MILWAY, MICHAEL 2,960,450
MISHRA, MANOJ K. 2,957,721
MISHRA, SHRISH 2,960,714
MITRALIX LTD. 2,951,218
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,961,138
MITSUBISHI MATERIALS CORPORATION 2,960,464
MITTINO, MAURIZIO 2,952,565
MIYAMOTO, KAZUKI 2,960,748
MIYAMOTO, MATSUHIRO 2,961,015
MIYAZAKI, YASUNOBU 2,960,753
MIZUMA, IKUO 2,960,462
MJN U.S. HOLDINGS LLC 2,955,158
MME ENGINEERING E.U. 2,957,733
MODZELEWSKI, BRENT E. 2,960,984
MOESLINGER, SIGRID 2,957,960
MOESSNER, EKKEHARD 2,960,797
MOGNA, GIOVANNI 2,960,767
MOKVELD VALVES B.V. 2,953,410
MOMENTIVE PERFORMANCE MATERIALS INC. 2,961,252
MONTAG, LORI D. 2,960,521
MONTPLAISIR, CHRISTIAN 2,961,074
MONTRASIO, FABIO 2,960,925
MOOG BV 2,958,836
MOOG BV 2,958,840
MOOG BV 2,958,841
MOORE, MICHAEL JAMES 2,961,027
MOORE, STEPHEN 2,961,239
MOR, TSAFRIR 2,960,888
MORA, JAVIER 2,951,840
MORAN, KERI KRUSE 2,959,733
MORAN, KERI KRUSE 2,959,811
MORE, JOHN 2,955,830
MORETA BUFILL, LEO 2,954,565
MORIN, FREDERIC 2,960,978
MORISHITA, RYUICHI 2,960,653
MORIZANE, HIROTO 2,960,470
MORRIS, STEVEN 2,959,723
MOSS, ALAN MCKAY 2,961,175
MOSTAGHEL, SINA 2,961,075
MOTOROLA SOLUTIONS, INC. 2,960,467
MOURA, MASCARIN GABRIEL 2,961,359
MOURER, DAVID PAUL 2,957,786
MOUSA, SHAKER A. 2,961,021
MTAUWEG, SAMER 2,957,640
MTD PRODUCTS INC 2,957,655
MUHLLEITNER, HEINZ 2,957,613
MUKAI, TOSHIJI 2,960,612
MUKHERJEE, RAJYASHREE 2,960,714
MULL, ERIC 2,960,778
MULLER, SEAN 2,960,746
MUNDING, ANDREAS RICHARD 2,956,061
MUNTERS CORPORATION 2,960,957
MUROTA, MOTOHARU 2,961,020
MURPHY, DARREN W. 2,960,641
MURPHY, MEGAN KATHLEEN 2,960,881
MURPHY, ROBERT J. 2,961,345
MURPHY, VINCENT J. 2,961,036
MURTAZA, MUHAMMED 2,955,303
MYER, WAYNE J. 2,960,892
MYLAN INC. 2,960,519
NACHENBERG, CAREY 2,958,681
NADEAU, SEBASTIEN 2,960,416
NAGARALU, SREE HARI 2,959,686
NAISH, NEIL 2,957,122
NAITO, SHOICHI 2,960,994
NAITO, YASUAKI 2,960,753
NAKAGAMI, HIRONORI 2,960,653
NAKAGAWA, AKIKO 2,960,936
NAKAMURA, ETSUO 2,960,994
NAKAO, KEIICHIRO 2,960,748
NAKAO, MAKOTO 2,957,558
NAKAZAWA, YOSHIAKI 2,961,188
NALDINI, LUIGI 2,954,478
NALEPKA, MICHAEL D. 2,958,584
NALEPKA, MICHAEL D. 2,958,633
NAMKUNG, YOON 2,960,902
NANCE, ELIZABETH 2,957,940
NARAIN, NIVEN RAJIN 2,960,837
NARITA, ATSUSHI 2,960,650
NARUKE KOICHIRO 2,960,464
NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY 2,960,612
NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY 2,960,468
NAVOT, AMIR 2,957,917
NELSON, JAY 2,955,306
NELSON, SCOTT G. 2,961,350
NESTEC S.A. 2,950,494
NESTEC S.A. 2,950,501
NESTEC S.A. 2,950,675
NESTEC S.A. 2,951,090
NETSTAL-MASCHINEN AG 2,952,716
NEUBAUER, BERND 2,957,746
NEURIMMUNE HOLDING AG 2,960,925
NEUROS MEDICAL, INC. 2,961,100
NEW MEDIA SOLUTIONS, INC. 2,959,723
NEWTON, CHRISTOPHER 2,960,831
NEWTON, MARK ANDREW 2,955,234
NEXTVR INC. 2,961,175
NEZU, JUNICHI 2,960,650
NG, YUN TING SHERRILYN 2,950,675
NGUYEN, DENNIS P. 2,961,059
NGUYEN, KHANG 2,961,002
NGUYEN, TON 2,961,002
NIETERS, EDWARD JAMES 2,959,485
NIKAIDO, HITOSHI 2,961,129
NIKAIDO, HITOSHI 2,961,196
NIKITENKO, ANTONINA 2,961,252
NIKLASON, LAURA E. 2,961,225
NILSSON, LINN HODNELAND 2,952,296
NILSSON, MAGNUS 2,960,736
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,960,753
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,960,938
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,961,129
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,961,188
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,961,189
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,961,196
NIPRO DIAGNOSTICS, INC. 2,960,984
NISHIKAWA, YUKIHIRO 2,961,189
NISHIMURA, NAOKI 2,960,620
NISHIMURA, RYUICHI 2,961,188
NISHIYAMA NORIHIDE 2,961,133
NISSAN MOTOR CO., LTD. 2,960,606
NISSHINBO CHEMICAL INC. 2,960,454
NITTO DENKO CORPORATION 2,960,940
NOLAN, FRANK 2,960,624
NORBROOK LABORATORIES LIMITED 2,952,336
NORDSTROM, MORGAN 2,960,412
NORSK HYDRO ASA 2,960,765
NORTHERN MINING PRODUCTS AB 2,960,672
NOTAGUCHI, MICHITAKA 2,960,468
NOUAILLE, REGIS 2,955,770
NOVARTIS AG 2,960,584
NOVO NORDISK A/S 2,952,293
NOVO NORDISK A/S 2,955,253
NOVOZYMES A/S 2,961,280
NOYBERG, IDAN 2,950,990
NTSOGO ENGUENE, VERONIQUE 2,955,251
NUGENT, LISA 2,957,960
NUGLIF INC. 2,960,661
NYBERG, MAGNUS 2,960,166
NYSTUEN, PAUL A. 2,961,199
O'DAY, JOSEPH M. 2,958,123
O'HALLORAN, JONATHAN JAMES 2,960,428
O'SULLIVAN, JAMES FRANCIS 2,957,901
OAKLEY, STEPHEN JOSEPH 2,961,249
OCHIDA, ATSUKO 2,961,033
OCHSENDORF, RICKY L. 2,958,584
OCHSENDORF, RICKY L. 2,958,633
ODA, TSUNEO 2,961,033
OERTLEY, THOMAS E. 2,955,446
OKANIWA, MASANORI 2,960,992
OKUBO, KATSUYUKI 2,960,940
OKUI, TOSHIAKI 2,961,020
OLDHAM, CHRISTOPHER ADAM 2,960,955
OLIVER, PAUL 2,957,848
OLSON, KAREN 2,961,258
OMYA INTERNATIONAL AG 2,957,675
ONO, KOHEI 2,960,949
OREGON HEALTH & SCIENCE UNIVERSITY 2,955,306
ORTHO-CLINICAL DIAGNOSTICS, INC. 2,961,211
OSAKA UNIVERSITY 2,960,653

OSPEDALE SAN RAFFAELE S.R.L. 2,954,478
OSRI, ARNON 2,960,783
OSSIPOV, ALEXEI 2,960,882
OSSLUND, TIMOTHY DAVID 2,954,773
OWENS, STEVEN 2,957,558
OXITEC LTD. 2,957,122
PAHUD, MICHEL 2,959,715
PAI, NAVIN 2,959,735
PAIZ, MATT 2,961,002
PAJERSKI, ANTHONY D. 2,957,915
PAK, JAE W. 2,960,774
PALACIOS, PEDRO WILLIAM 2,961,168
PALMER, BRIAN 2,956,234
PALMERTON, DANIEL R. 2,960,372
PAMELARD, FABIEN 2,959,111
PANACEA PHARMACEUTICALS, INC. 2,961,004
PANGILINAN, DESIREE 2,960,582
PARKER-HANNIFIN CORPORATION 2,960,802
PARNHAM, MICHAEL JOHN 2,951,840
PARRISH, JOHN 2,952,428
PARVEEN, NIKHAT 2,960,776
PATEL, PRANAV 2,960,859
PATEL, REENA J. 2,954,767
PATIL, RAHUL C. 2,960,845
PATIL, SANDIP P. 2,960,845
PATTERSON, CHAD J. 2,951,709
PATUREL, CARINE 2,957,491
PAU, MARIA GRAZIA 2,961,024
PAUL, DOUGLAS JOHN 2,959,203
PAUL, THOMAS R. 2,960,882
PAULMANN, UWE 2,954,099
PAWLIKOWSKI, SUSAN S. 2,960,651
PB PRODUCTS LLC 2,955,991
PEETERS, ROEL 2,961,160
PEI, DONGHONG 2,961,168
PEIRSMAN, DANIEL 2,957,989
PENANGWALA, AMAAN AHMED 2,961,249
PENDLAY, RYAN CHANDLER 2,959,733
PEPE, GREGORY 2,960,372
PEROCHON, ALEXANDRE 2,955,080
PERSSON, MORTEN 2,961,095
PESCHKE, ARNDT 2,958,023
PESSIOT, JEREMY 2,955,770
PETERS, JOCHEN 2,956,085
PETERS, JOCHEN 2,956,087
PFEIFFER, STEFAN 2,956,085
PFEIFFER, STEFAN 2,956,087
PHAM, SON MINH 2,960,790
PHAN, DANG CUONG 2,958,597
PHELPS, FRANKIE E. 2,960,597
PHILIP MORRIS PRODUCTS S.A. 2,954,828
PHILLIPS, REBECCA 2,955,246
PIANTEK, RYAN 2,960,861
PICARD DE MULLER, GAEL 2,959,111
PICKER, LOUIS 2,955,306
PIEROTH, REBECCA 2,956,984
PILETTE, THOMAS 2,960,492
PILOTO, OBDULIO 2,960,964
PINA, TINIA 2,960,795
PINNOW, MATTHEW 2,961,252
PINTO, CANDIDO DIONISIO 2,960,503
PIONEER HI-BRED INTERNATIONAL, INC. 2,954,626
PIRAMAL ENTERPRISES LIMITED 2,960,757
PIRON, CAMERON 2,957,794
PITSCH, WALTER 2,960,979
PIZZONI, ANGELO 2,957,216
PLACEK, CASEY 2,961,153
PLANT, SCOTT ANTHONY 2,961,249
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 2,957,613
PLAZARTE, ENRIQUE 2,960,956
PLESSERS, AN 2,952,027
PLOTNIKOV, YURI ALEXEYEVICH 2,959,485
PMBS, LLC 2,960,460
POCOCK, GINA 2,955,423
PODESTA, JAMES RAY 2,958,066
POGUE, GREG 2,960,888
POIRIER, MAUDE A. 2,960,778
POLARIS INDUSTRIES INC. 2,955,977
POLI, JANET 2,957,570
POPA NITA, SIMINA FLORENTINA 2,950,501
POPOVICH, STEVEN 2,960,810
PORTER, BRANDON WILLIAM 2,957,917
POUBELLE LLC 2,960,521
POUCHOULIN, DOMINIQUE 2,960,316
POULSEN, NIKOLAI 2,957,951
POURAHMADY, NASER 2,957,915
POVINELLI, ANTHONY J. 2,960,492
POWERS, JAY 2,960,733
POZZI, PAOLO 2,957,216
PPG INDUSTRIES OHIO, INC. 2,957,755
PRAIRIE, PATRICK 2,960,416
PRATER, CURTIS S. 2,957,021
PREMIER TECH TECHNOLOGIES LTEE 2,960,738
PRESCHE, MARTIN 2,958,933
PRESTONE PRODUCTS CORPORATION 2,960,628
PRICE, JOHN SCOTT 2,959,485
PROBIOTICAL S.P.A. 2,960,767
PROST, MAXIME 2,952,332
PRUF ENERGY SOLUTIONS, LLC 2,961,030
PUBLICHNOE AKTSIONERNOE OBSCHESTVO "GAZPROM" 2,952,926
PULLEGA, FRANCESCO 2,957,675
PUNNA, SREENIVAS 2,960,733
PURATAP PTY LTD 2,960,868
PURCELL, SHAUN 2,960,738
PURDUE PHARMA L.P. 2,961,009
PUSH INDUSTRIES INCORPORATED 2,960,641
PYLOTE 2,951,759
PYO, DO-YEON 2,953,087
QIAN, FENGHUI 2,961,280
QIN, DONGHUI 2,960,730
QIU, YAJIE 2,960,663
QUALCOMM INCORPORATED 2,961,067
QUANCI, JOHN FRANCIS 2,961,207
QUANTUM ENERGY STORAGE CORPORATION 2,961,002
QUANTUMDX GROUP LIMITED 2,960,428
QUEEN'S UNIVERSITY AT KINGSTON 2,960,663
QUELL CORPORATION 2,960,991
QUINLAN, SEAN MICHAEL 2,959,732
RAAIJMAKERS, MARIEKE INEKE GEERTJE 2,953,732
RAANAN, AMATSIA 2,961,139
RAJASEKARAN, JOHN J. 2,960,655
RAMAIOLI, MARCO 2,950,501
RAMAN, KARTHIKEYAN 2,959,686
RAMOS-SOLIS, ALMA ITZEL 2,955,370
RAMOT AT TEL-AVIV UNIVERSITY LTD. 2,960,592
RANGARAMANUJAM, KANNAN 2,957,721
RANGARAMANUJAM, KANNAN 2,957,940
RANGMARK, LENNART 2,957,983
RANGMARK, LENNART 2,957,987
RAPECKI, STEPHEN EDWARD 2,953,275
RAPPOLD, ANDREAS 2,956,085
RAPPOLD, ANDREAS 2,956,087
RATNER, EDWARD 2,959,352
RAUCH, MANFRED 2,957,230
RAVA, RICHARD P. 2,955,367
RAVI, KRISHNA 2,960,845
RAYNERS, JON 2,953,280
RAYTHEON COMPANY 2,959,495
RBAYTI, ABDELKHALIC 2,952,695
REDDING, GLENN 2,960,580
REDDING, GLENN K. 2,961,150
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,957,746
REG LIFE SCIENCES, LLC 2,955,370
REGE, EVAN CHRISTOPHER 2,960,722
REGENERON PHARMACEUTICALS, INC. 2,960,950
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,957,732
REGINALD, AJAN 2,951,448
REIB, ROBERT 2,952,428
REICH, ADAM A. 2,961,199
REICHENBERGER, THOMAS 2,957,470
REID, JASON 2,961,135
REID, SUSAN 2,960,415
REISENBERGER, CHRISTIAN 2,960,978
REMA TIP TOP AG 2,960,759
RENNOVIA INC. 2,961,036
RENTSCH, SAMUEL 2,957,675
REUL, BERNHARD 2,958,597
REVISION OPTICS, INC. 2,960,871

REVISION OPTICS, INC. 2,960,873
REXAM BEVERAGE CAN COMPANY 2,951,394
REXON INDUSTRIAL CORP., LTD. 2,960,717
REYNOLDS, LOUISE 2,952,336
RHEE, JAEKEOL 2,960,944
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN 2,957,900
RHOADES, VALERIE LISA 2,957,984
RHOADES, VALERIE LISA 2,957,990
RHODES, CHRIS 2,961,029
RICH, JAMES R. 2,960,899
RICHARD, MARINE VERONIQUE GERMAINE 2,961,014
RICHARDSON, AARON 2,960,859
RICHARDSON, SCOTTY G. 2,961,032
RICHMOND, JOSHUA 2,957,794
RICHTER, THOMAS 2,953,201
RIEF, ANDREAS 2,957,746
RIFFEL, SIEGFRIED 2,956,266
RIGSHOSPITALET 2,961,095
RIPLEY, ANTHONY J. 2,955,977
RITE-HITE HOLDING CORPORATION 2,960,688
RITTER, MICHAEL 2,960,375
RKW SE 2,961,102
ROBERT BOSCH GMBH 2,956,085
ROBERT BOSCH GMBH 2,956,087
ROBILLARD, CHRISTIAN 2,960,891
ROCKWELL RAZORS CORPORATION 2,960,412
RODGER, SCOTT DAVID 2,957,859
RODRIGUEZ, MARIA FERNANDA 2,960,783
ROEDLE, TILMAN 2,960,069
ROGERS, HENRY EUGENE 2,960,945
RONEN, RAZIEL 2,960,761
ROOST, INC. 2,961,160
ROQUETTE FRERES 2,955,849
ROSE, TORRI L. 2,957,742
ROSENBAUM, IDO 2,960,592
ROSENBERG, DANIEL 2,960,555
ROSENFELD, NITZAN 2,955,303
ROSS, WILLIAM ROBERT 2,959,485
ROTA, DARLENE D. 2,957,915
ROY, GENEVIEVE 2,960,738
ROZIER, BRAM 2,960,783
RPC BRAMLAGE GMBH 2,958,933
RUBIN-AYMA, IVAN 2,960,955
RUDOLPH, COLIN 2,955,158
RUMPLECKER, ANJA 2,960,555
RUNFT, WERNER 2,956,085
RUNFT, WERNER 2,956,087
RUPRECHT, ROLAND 2,960,808
RUSEK, JOHN J.P.E. 2,960,965
RUSSELL, MICHAEL 2,961,239
RUSSO, RICHARD E. 2,961,032
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,960,776
SABE, KOHTARO 2,960,749
SADLER, CHRIS 2,961,030
SAFARIK, IVAN 2,961,191
SAFRAN AIRCRAFT ENGINES 2,958,025
SAGE THERAPEUTICS, INC. 2,960,611
SAINT-GOBAIN GLASS FRANCE 2,958,597
SAINT-GOBAIN GLASS FRANCE 2,958,706
SAKURAI, MIKA 2,960,650
SALAS VICENTE, FIDEL 2,954,565
SALAS VICENTE, JOSE 2,954,565
SALENIKOVICH, ALEXANDER 2,960,543
SALES, JAY WILLIAM 2,960,881
SALONEN, PETTERI 2,960,806
SALUNKHE, SHARDUL 2,954,594
SAMARELLI, ANTONIO 2,959,203
SAMPSON, MARTIN ELLIOTT 2,955,977
SAMSUNG ELECTRONICS CO., LTD. 2,960,472
SAMUEL, ROBELLO 2,961,145
SANDRINI, MICHAEL PAOLO BASTNER 2,952,293
SANGAMO THERAPEUTICS, INC. 2,960,769
SANGHVI, NISHITH 2,960,778
SANGSTER, RICHARD D. 2,960,861
SANOFI PASTEUR INC. 2,957,570
SARDEI, ANTONELLA 2,957,700
SARRAF, STELLA 2,960,723
SASAKI, YUSUKE 2,961,033
SASS-ORUM, KRISTIAN 2,952,293
SATO, AYUMU 2,961,033
SATO, HIROAKI 2,961,138
SATO, KOICHI 2,961,129
SATO, KOICHI 2,961,188
SATO, KOICHI 2,961,196
SATO, MASAHIKO 2,960,938
SATOU KANETOMO 2,961,133
SAVOLAINEN, HEIKKI 2,957,815
SAWARGAVE, SANGMESHWAR PRABHAKAR 2,960,757
SCAN COIN AB 2,960,951
SCAN COIN AB 2,960,958
SCHAAF, PETER 2,952,695
SCHAEFER, JENS 2,952,695
SCHAFFALITZKY, FREDERIK 2,957,917
SCHALL, GUNTHER 2,958,597
SCHALL, GUNTHER 2,958,706
SCHAMMEL, WAYNE P. 2,960,555
SCHER, ERIK C. 2,960,555
SCHEUNGRABER, PATRIC 2,960,759
SCHIESSER, ROMAN 2,957,733
SCHIRMER, ANDREAS W. 2,955,370
SCHLAGINHAUFEN, JURG 2,950,494
SCHLENTER, CRAIG CHARLES 2,960,068
SCHLESINGER, JOHANN FELIX 2,960,840
SCHLEUSNER, BRADLEY K. 2,961,199
SCHLOTHAUER, TILMAN 2,960,797
SCHMIDHEINY, ERIC 2,952,716
SCHMIDT, ALEXANDER 2,952,341
SCHMIDT, FRIEDRICH GEORG 2,956,984
SCHMIDT, JUERGEN 2,956,266
SCHMIDT, ULRICH 2,957,606
SCHMITT, CHRISTOPHE JOSEPH ETIENNE 2,950,494
SCHNEIDER, DEAN 2,957,208
SCHRECKE, GREGORY S. 2,959,495
SCHREINER, BERNHARD 2,957,983
SCHREINER, BERNHARD 2,957,987
SCHROER, DANIEL R. 2,961,091
SCHUITEMAKER, JOHANNA 2,961,024
SCHULTZ, ROGER L. 2,957,681
SCHULZ, PETER J. 2,961,091
SCHULZ, VALENTIN 2,958,706
SCHWARZ, HANS-GEORG 2,952,524
SCHWARZ, PETER 2,952,695
SCOLA, PAUL MICHAEL 2,960,778
SCOTT AUTOMATION & ROBOTICS PTY LIMITED 2,960,867
SCOTT, JAMES H. 2,957,660
SCURTESCU, CRISTIAN 2,960,526
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